Lancaster Farming

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Reagan troops invade Pa. dairy farm

Reagan mixes humor and policy

BY DONNA TOMMELLEO

LANDENBERG — The peaceful setting of Chester County's rolling hills received quite a royal disturbance last Friday when four large helicopters, scores of automobiles and thousands of people invaded the Leon Wilkinson dairy farm to get a look at Ronald Reagan.

And just a look or fleeting glance is exactly what most people got. In what started out as a quiet stop-over with some invited guests before heading to Philadelphia, the president's "chat" with American farmers attracted more people than the Secret Service cared to handle. The remedy, which was sour to most, was to to cut-off the flow of traffic and prohibit anyone from reaching the farm proper, regardless if they had guest status or not.

While 300 fortunate folks waited

(Turn to Page A20)

Two "Washington cowboys" come face to face with the non-voting public, the true backbone of the dairy industry. Both President Reagan and U.S Agriculture Secretary John Block were on hand, last Friday, at the Leon Wilkinson dairy farm in Landenberg, to answer farmers' questions

Block defends dairy plan

LANDENBERG — U S. Agriculture Secretary John Block may not be the most popular man in dairy circles these days, but last Friday, Block along with his boss, Ronald Reagan, met with farmers on a dairy farm to provide support for the president as well as defend his emergency dairy plan

Earlier this month, Block proposed a multi-provision plan which would give him total discretion in setting price support levels.

"The secretary has to have enough discretion to act with the time," he said 'Somebody has to make the decision" Block reminded farmers and reporters that his plan also calls for the secretary to work with a Dairy Advisory board, primarily made up of producers

The secretary noted that solving the dairy surplus problem is top priority on his list.

"It bothers me to realize that the U S can produce grain and forage

(Turn to Page A22)

Pfizer opens Pa. corn research station

BY DICK ANGLESTEIN

LAWN — A second seed corn company is taking advantage of the unique climatic conditions of Southeastern Pennsylvania with the opening of a research station in the Lancaster-Lebanon-Dauphin counties area.

Pfizer Genetics Inc., producers and marketers of Trojan brand hybrid seed corn, this spring opened a research station with offices at Lawn, Lebanon County, and test fields at Palmyra, Landisville and Lawn.

Manager of the new research station is Joel Cohen, graduate of the University of Massachusetts where he majored in plant breeding and genetics.

"We have just completed the planting of some 45 acres of test plots," Cohen said.

"We plan to expand the testing acreage and range in the future with the research program moving out into a greater radial distance to such areas as Virginia, New York and Maryland.

"But our overall program will continue to be concentrated in Pennsylvania."

The other major company which has just opened a research station in Lancaster County is Northrup King, with an office at Mount Joy and test facilities between East Petersburg and Manheim.

The Pennsylvania research station is the 15th such facility of Pfizer Genetics.

The main test plots of some 30 acres for development and testing of new corn hybrids are located on land of the Milton Hershey School off Railroad Street about two and one-half miles northwest of Palmyra. Other testing sites are located on the farms of Richard Metzler and Kenneth Zurin in the Landisville area of Lancaster County and of Tim Tyson at Lawn.

Farm operator of the Pfizer facilities is Joseph Schott, of Lebanon.

The local Pfizer testing program, according to Cohen, will be concentrating on the development and improvement of Trojan hybrids in the 105 to 120-day maturity range.

"While we will be testing and developing hybrids in this maturity range, our work will be coordinated with all of the other research stations," Cohen said.

Other Pfizer research stations are located at Tifton, Ga.; Terra Haute, Ind.; Windfall, Ind., Beaman, Ia.; Eldora, Ia.; Mason City, Ill.; Madison, Wisc ; Kingston, Oh.; Farmville, N C ; Garden City, Kan.; Doniphan, Neb.; Oliva, Mn.; St. Louis, Mo ; and Kihei, Maui, Hawaii.

Pfizer Inc. Central Research is located at Groton, Ct.

While the Pfizer research station is new to Pennsylvania, the company's testing program has been conducted in the southeastern section of the state for a number of years

Trojan test plots have been located in this area and previously were included under the research programs of the stations in Windfall, Ind or Kingston, Oh.

"Thus, in the work of our new station," Cohen explained, "we will be able to drawn upon the previous research that has been done in this area through these other programs."

One of the major factors that has accounted for the increased interest of corn breeders in Southeastern Pennsylvania is the high humidity climatic conditions, which are not only ideal for growing corn but also for generating plant diseases which are common to the crop

This type of climate is ideal for leaf blight, stalk rot and various insect diseases. Corn breeders are able to easily culture such diseases and inoculate plants as they work to develop types and hybrids that are more resistant to the problems.

Last day for milkerendum

HARRISBURG — Today is the last day for dairy farmers to mail ballots for the Pennsylvania Milk Marketing Program

Two days ago, less than one-half of the 15,000-plus ballots mailed have been returned. According to Pennsyvania Department of Agriculture spokesman Kevin Hickey, 6,401 ballots have been received from producers The ballots will remain unopened until a three-man teller committee begins tabulation sometime next week.

Get ready for L.F.'s Dairy Month celebration

LANCASTER — In two weeks, **Lancaster Farming** will unveil its special dairy issue, designed to salute the number one money-maker in the state.

From cover to cover, we'll feature something for every member of your hard-working dairy family. Management articles with a common sense approach will offer tips on milking, feeding, health care and much more. Current DHIAs will keep you in touch with the Commonwealth's top producers. We'll bring you ideas from farmers as well as those who serve the dairy community. Watch the **Lancaster Farming** for updates on the much talked about dairy price support program and results of the Pennsylvania Milk Marketing referendum.

Ladies, get your recipe boxes ready. Beginning June 5 our Home on the Range section will offer a variety of nutritious dairy recipes To the first 100 cooks who share their recipes, a special Dairy Month gift will be sent to show our appreciation

Your response to this year's Dairy Photo contest already has started and it looks as if this year's amateur dairy photographers will make this contest more successful than our first. Remember, entries should be postmarked no later than June 23 This year's contest features three categories Dairy Farms, a dairy farm in a scenic setting, Dairy Partners, dairy animals together with their favorite people; Dairy Life, unposed photos of events as they happen on a dairy farm For additional rules, see our special Dairy Photo entry blank on page B12

For all the little farmers, Kid's Korner will feature new dairy facts and puzzles designed to educate and entertain

To reserve that special advertising space in our June 5 issue, we remind our advertisers that deadlines for ads are May 28

Remember, we want you to be a part of this very important issue We welcome feature ideas and news that will highlight and salute the nation's vital dairy industry

For news or advertising information call 717-626-1164 or 717-394-3047

Livestock market and auction news

Lancaster Market

Monday, May 17
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	1500	109	1180	334
Last Monday	1543	85	974	183
Last Year	1333	59	1171	135
Monday's Auction	1561	109	1155	340
Last Monday's Auction	1641	85	1011	209

CATTLE Compared to last Wednesday slaughter steers 1.00-2 00 lower, instances 3 00 lower, slaughter heifers weak to 1 00 lower, cows mostly steady, bullocks fully steady, bulls firm to 1.00 higher Supply included 71% slaughter steers, 14% slaughter heifers, 5% cows, and 10% bulls

SLAUGHTER STEERS. High Choice and Prime 3-4 1200-1400 lb 73 50-76.85, couple head 77.00-78.25, Choice 2-4 1075-1300 lb. 69 00-72.50, few 72 50-73 35; Choice 2-3 950-1075 lb 68.00-71 00, high Good and low Choice 2-3 67 50-70.00; Good 2-3 61 00-66.75, Good and Choice 1200-1475 lb. Holstein 62.25-65.85, few individual head 66.50-68 10, Standard 1-2 60 00-63.00

SLAUGHTER HEIFERS Choice 2-3 950-1150 lb. 66 75-70.75, Good 2-3 875-1100 lb 60 00-66.75, load 950-1150 lb. Heiferettes 57 00-61.50.

COWS: Utility and Commercial 1-3 47.00-49.50, few 49.50-51.50; Cutter 1-2 43 50-47.50, few 47.50-48.00; Canner and low Cutter 40.00-44 00.

BULLOCKS: Choice 1050-1400 lb. 59.50-63.75, couple 64.00-66.00; Good 1000-1350 lb. 55.00-59.00.

BULLS: Yield grade 1 1400-2000 lb 53.75-57.50, few 57.50-60.50, 10 head 1750-2300 lb. 60.00-66.00; yield grade 2 1000-1450 lb. 51.50-54.00.

VEAL CALVES: Vealers mostly steady.

VEALERS. Couple lots Prime special fed 300-340 lb. 135.00-136.00; Choice 150-230 lb. 95.00-110.00, couple 110.00-115.00; high Good and low Choice 150-300 lb. 85.00-100.00, 120-150 lb. 70.00-85.00, 85-115 lb 60.00-70.00, few 75-85 lb. 55.00-60.00.

RETURNED TO FARM: Bulk 90-115 lb. Holstein bulls 90.00-100.00; few 90-105 lb. Holstein heifers 80.00-90.00.

SHEEP Spring lambs uneven, 75-110 lb 5.00-8.00 lower, 35-65 lb. 25 00-30 00 lower; slaughter ewes weak to 2.00 lower.

SPRING LAMBS Choice 75-110 lb 73.00-82.00, 35-65 lb. 55.00-75 00; few Good 75-90 lb. 65.00-73.00.

SLAUGHTER EWES Utility and Good 20 00-30 00.

Vintage Auction

Tuesday, May 18
Report supplied by USDA

	Cattle	Calves	Sheep
Today	1201	641	71
Last Tues	1552	620	40
Last Year	1244	544	83

CATTLE Compared to last Tuesday slaughter steers 1 00-2 00 higher, slaughter heifers 1 00-2 00 higher, cows firm to 1 00 higher, instances 2 00 higher on Canner and low Cutter, bullocks fully steady; bulls 1 00-2.00 higher Supply included 68% slaughter steers, 20% cows, 8% bulls and 4% slaughter heifers

SLAUGHTER STEERS High Choice and Prime 3-4 1125-1375 lb 74.00-79.25, 12 head 79.75-81 35; Good and Choice 1-2 1050-1325 lb 74 50-76.25, few 77 00-78 50; Choice 2-4 1050-1350 lb. 71.25-76.25, few 76.25-76.85, few Choice 2-3 975-1050 lb. 70.00-71.50; high Good and low Choice 2-3 68 00-72 50; Good 2-3 64.00-67.50; Good and Choice 1150-1300 lb. Holsteins 62.50-64.50; few Standards 1-2 59.00-62.50.

SLAUGHTER HEIFERS. Few Choice 2 975-1075 lb. 71.00-73 00; Choice 2-3 950-1100 lb. 66.00-69 50; Good 2-3 830-975 lb. 60.00-64.75.

COWS: Utility and Commercial 1-3 47.25-50.00, several 50.25-52.25, few 52.50-53.75; Cutter 1-2 46.75-50.00, few 50.00-51.00; Canner and low Cutter 43.50-45.75.

BULLOCKS. Choice 1050-1300 lb. 60.00-62.50; Good 1000-1300 lb. 57.00-60.00.

Yield grade 1 1300-1800 lb. 54.00-59.00, couple 59.00-62.25, individual 2060 lb. 66.25; yield grade 2 1000-1400 lb. 51.00-54.00.

VEAL CALVES Vealers fully steady, instances 5.00 higher on high Good and low Choice 70-110 lb. Supply included 438 in graded sale of which 84% sold to return to farm.

VEALERS: Few Choice 160-250 lb. 85.00-103.00; high Good and low Choice 160-250 lb 80.00-98 00, 120-160 lb. 72.00-80.00, 80-115 lb. 70.00-73 00, few 79-80 lb. 61.00-68.00.

RETURNED TO FARM: 72 head 90-120 lb Holstein heifers 115 00-119.00, one lot 80-85 lb 92.00, 12 head small frame 100-105 lb. 98.00; 22 head 120-125 lb Holstein bulls 100.00-101.00, 133 head 100-115 lb. 106.00-115.50, 39 head 90-95 lb. 103 00, 10 head 100-115 lb small frame 97 00 and 62 head 90-105 lb 76 50

SHEEP Spring lambs 5 00-10 00 lower

SPRING LAMBS Choice 40-70 lb 54 00-72 00, few 20-40 lb 74 00-89 00

WOOLED LAMBS Choice 90-110 lb 59 00-65 00

Lancaster Auction

Wednesday, May 19
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	481	17	769	0
Last Wednesday	478	36	993	0
Last Year	761	24	822	20
Wednesday's Auction	467	17	755	0
Last Wednesday's Auction	288	33	921	0

CATTLE. Compared to Monday slaughter steers generally 2 00 higher, instances 3.00 higher, small supplies slaughter heifers, cows, and bulls fully steady. Supply included 79 percent slaughter steers.

SLAUGHTER STEERS. High Choice and Prime 3-4 1150-1400 lb. 75.35-79.00, Choice 2-4 1100-1425 lb. 70 50-75.50, few head 75.75-76.75; high Good and low Choice 2-3 1025-1350 lb. 67.00-70.25; Good 2-3 65.00-67.50; Good and Choice 1200-1650 lb Holsteins 62.00-66.60; Standard 1-2 60.00-62.50.

SLAUGHTER HEIFERS. Choice 2-3 930-1125 lb. 63.75-66.75; Good 2-3 900-1050 lb. 60.00-63.50.

COWS. Utility and Commercial 1-3 47.00-49 75, individual 52.25, Cutter 1-2 44.75-47.75, couple 48.50-49.25; Canner and low Cutter 42.00-45.00.

BULLOCKS. Choice 1050-1400 lb 59.00-61.00.

BULLS. Yield grade 1 1250-2050 lb. 53 50-56.75, few 59.00-60.00; yield grade 2 1000-1300 lb. 51 50-53 75.

VEAL CALVES. Insufficient volume to fully test trends. Few high Good and low Choice vealers 85-115 lb 60.00-70.00. Few 95-110 lb. Holstein bulls returned to farm at 90.00-100 00.

SHEEP None

New Holland Livestock

Thursday, May 20

CATTLE 1554. Compared to last Thursday slaughter steers, uneven Choice and Prime over 1100 lb. 1 00-1.50 higher, Choice under 1100 lb. Steady to weak, Good to low Choice weak to 50 lower, slaughter heifers mostly steady, cows unevenly steady; bullocks weak to 1 00 lower, bulls mostly 1 00 lower. Supply included 75 percent slaughter steers, 14 percent cows, 6 percent bulls and 5 percent slaughter heifers.

SLAUGHTER STEERS High Choice and Prime 3-4 1175-1400 lb 75 25-77 85, few 78.10-78 50, with five head 79.50; Good and Choice 1-2 1075-1350 lb 75.00-77 50, few 77 75-79 10; Choice 2-4 1075-1350 lb. 70 50-75.00, few 75.00-76.75; Choice 2-3 940-1075 lb. 68 85-71 00, high Good and low choice 2-3 67.00-70.75; Good 2-3 63.00-67.00; Good and Choice 1200-1500 lb. Holsteins 63.00-65 75, few head 66 75-67 50, Standard 1-2 56.00-63.00.

SLAUGHTER HEIFERS. Choice 2-3 925-1150 lb. 64.50-66.00, few yield grade 2 66.75-69.00; Good 2-3 875-1075 lb. 56.75-63.50; Standard 1-2 49.00-55.00.

COWS: Utility and Commercial 1-3 46.50-49.50, few 49.50-52.50; Cutter 1-2 43.75-48.50, couple 49.00-50.00; Canner and low Cutter 41.00-44.50.

BULLOCKS: Chocie 1050-1350 lb. 58.50-61.00, couple 61.00-64.25; Good 1000-1275 lb. 53.50-58.50.

BULLS: Yield grade 1 1350-2000 lb. 53.00-56.00, few 56.00-58.75, individual 62.25; yield grade 2 1000-1350 lb. 50.00-53.00.

VEAL CALVES. 268. Insufficient volume Choice and Prime vealers on offer for a market test; high Good and low Choice 80-115 lb. fully steady Demand good for calves to return to farm.

VEALERS: Couple Choice 150-225 lb. 100.00-105.00, high Good and low Choice 140-225 lb 73.00-87.00, 80-115 lb. 64 00-71.00, few 65-80 lb 50.00-64.00.

SLAUGHTER CALVES: Several Good and Choice 230-320 lb 65.00-75.00.

RETURNED TO FARM. Bulk 95-115 lb. Holstein bulls 90 00-108.00, few 109 00-116 00, several 80-90 lb. 75 00-90.00

SHEEP: 48 Spring lambs 40-65 lb 5 00-10.00 lower, weights over 70 lb. not tested; slaughter ewes weak to 3.00 lower

SPRING LAMBS Choice 45-70 lb. 60.00-71 00, few 71 00-74 00, few Good 50-60 lb 50 00-60 00

SLAUGHTER EWES Utility and Good 19 00-28 00, couple 28 00-32 00

GOATS· 45 All goats sold by the head 27.00-44 00, ten head 50 00-57 00

Lancaster Weekly

Friday, May 21

	Cattle	Calves
This Week	5300	1050
Last Week	6134	1121
Last Year	5250	1017

CATTLE: Slaughter steers very uneven, early sales 1.00-2.00 lower, later sales Choice and Prime over 1100 lbs. 1.00-1.50 higher, Choice to 1100 lbs. steady to weak, Good to Choice weak to .50 lower; slaughter heifers mostly steady; cows unevenly steady; bulls and bullocks closed weak to 1.00 lower. Supply included 65 per cent slaughter steers, 11 per cent cows, 7 per cent slaughter heifers, 7 per cent bulls, balance feeder steers many held for Friday's auction.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1400 lbs. 74.00-78.00, few 78.00-79.50, 12 head 79.75-81.35; Good and Choice 1-2 1050-1350 lbs. 74.50-77.50, few head 77.50-79.10; Choice 2-4 1075-1350 lbs. 70.50-76.25, few 76.25-76.85; Choice 2-3 950-1075 lbs. 68.00-71.50, high Good and low Choice 2-3 67.00-70.75, Good 2-3 62.00-67.00; Good and Choice 1200-1500 lbs. holsteins 62.25-65.85, few 66.50-68.10, Standard 1-2 56.00-63.00.

SLAUGHTER HEIFERS:

(Turn to Page A15)

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11 00 A M — Stocker and Feeder Cattle
SATURDAY
9 30 A M - Slaughter Hogs
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Hog Markets

New Holland Feeder Pigs

Wednesday, May 19
Report supplied by USDA
Feeder Pigs

Today	596
Last Wednesday	915
Last Year	1549

TREND: Compared to last Wednesday feeder pigs 5.00-10.00 higher, instances 15.00 higher on US 1-2 20-50 lb. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 126 head 18-39 lbs. 140.00-190.00; 120 head 40-49 lbs. 138.00-147 00; 101 head 50-59 lbs. 121.00-136.00; 23 head 65-68 lbs. 108.00-111.00; 10 head 75-83 lbs. 90.00-96 00.

US 2-3: 52 head 24-39 lbs. 132.00-146.00; 19 head 43 lbs. 136.00; 6 head 53 lbs. 105.00; 12 head 61 lbs. 100.00; 18 head 70-86 lbs. 87.00-98.00.

Lancaster Feeder Pigs

Wednesday, May 19
Report supplied by USDA

Today	1063
Last Tuesday	1362
Last Year	1549

TREND: Compared to last Tuesday feeder pigs firm to 5.00 higher, instances 10.00 higher, although US 2-3 20-45 lb. 15.00-20.00 higher. All pigs weighed on arrival & sold by hundred weight.

US 1&2: 38 head 30-40 lbs. 159 00-161.00; 168 head 30-39 lbs. 137.50-151.50; 304 head 40-49 lbs. 132.00-142.00; 145 head 50-59 lbs. 113.00-124.00; 27 head 62 lbs. 103.00-104.00; 16 head 62 lbs. 90.50-93.00; 16 head 74-93 lbs. 90.50-93.00.

US 2-3: 78 head 20-36 lbs. 147.00-170.00; 65 head 40-49 lbs. 117.00-134.00; 12 head 50-56 lbs. 105.00-123.00.

Lancaster Hogs

Monday, May 17
Report supplied by auction

HOGS: Compared to last Wednesday, barrows and gilts 50-75 lower.

BARROWS AND GILTS: US 1-2 205-245 lbs. 62.00-62.50, few 62.60-62.85; US 1 205-245 lbs. 62.85-64.00, US 1-3 200-270 lbs. 61.00-62.00, mainly 61.50-62.00.

SOWS. US 1-3 300-650 lbs 55 50-56.50, Few 300-450 lbs. 55.00-55.50

Tuesday, May 18

TODAY	369
LAST TUESDAY	306

TREND: Compared to Monday barrows and gilts 50 higher, instances 75 higher.

BARROWS AND GILTS: US 1-2 210-250 lbs. 62.75-63.25; US 1 Few 205-255 lbs 64.50-64.75; Around 35 head mostly US 3 210-250 lbs. 58 50-59.50.

Wednesday, May 19

HOGS: Compared to Tuesday barrows and gilts steady to firm.

BARROWS AND GILTS: US 1-2 210-250 lbs. 62 75-63 50; US 1 205-255 lbs. 64.00-64.50; US 1-3 200-270 lbs 62.25-62 75

Indianapolis Hogs

Thursday, May 20

HOGS: 1600 - barrows & gilts moderately active, uneven, weak to 25 lower, instances 50 off.

BARROWS AND GILTS: US 1-2 200-255 lbs. 60.25-60.75, bulk 60.50; US 1-3 215-260 lbs. 59.50-60.25.

SOWS: Moderately active, steady-1.00 lower, decline on wts. over 450 lbs. (4%). US 1-3 450-500 lbs. 52.00-52.50; US 3 Lot near 620 lbs. 54.00. Mxd US 1-2 & Medium 400-500 lbs. 50.00-52.00.

BOARS: 200-600 lbs. 50.50-52.00.

New Holland Hogs

Monday, May 17
Report supplied by USDA

Today	1479
Last Monday	1450
Last Year	1070

TREND: Compared to last Monday barrows and gilts 1.50-1.75 higher.

BARROWS AND GILTS: US 1-2 205-255 lbs. 61.50-62.00, Couple lots 52.10; US 1 Few 205-250 lbs. 62.00-63.00. US 1-3 200-260 lbs. 61.00-61.50.

Lancaster Hogs

Lancaster Stockyards
Saturday, May 15
Report supplied by auction

1170 head.

U.S #1 210-235 lbs 62.00-63.75, few 64.00-64.50; U S. 1 & 2 210-245 lbs. 61.00-62.00; U S. 2 & 3 200-255 lbs. 60.50-61.25; Sows 350-450 lbs. 53.00-55.00, 450 lbs. and up 54 25-55.50; Boars 200-300 lbs. 52.00-54.00, 300 lbs. and up 49.00-50.00

U.S. Inspected Livestock Slaughter

Thursday, May 20
Report supplied by USDA **Estimated Daily Livestock Slaughter Under Federal Inspection**

	CATTLE	CALVES	HOGS	SHEEP
This Week	505,000	36,000	1,231,000	91,000
Last Week	521,000	40,000	1,279,000	88,000
Last Year	492,000	32,000	1,348,000	85,000

Market courtesy of USDA

Chicago Grain Futures

(Closing Bids as of Thursday May 20)

	Corn	Wheat	Soybeans	Soybean Meal
July	2.86¾	3.65¾	6.72¼	191.60
Sept.	2.83	3.80¾	6.56½	
Oct.				195.00
Nov.			7.21½	
Dec.	2.95¼	4 01½		198.20
Jan.			6 94½	

Trend - Corn is higher, Wheat is lower Soybeans are lower, Soybean Meal is lower

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

St. Louis Hogs

Thursday, May 20
Report supplied by USDA

HOGS: 5500 - Barrows & gilts moderate, mostly 50 lower.

BARROWS AND GILTS: US 1-2 200-250 lbs. 59.50-60.00; US 1-3 210-250 lbs. 59.00-59.50; 250-270 lbs. 58.50-59.00.

SOWS: Unevenly steady-1.50 lower. (About 9%). US 1-3 300-650 lbs. 53.00-53.50.

BOARS: Over 260 lbs 50.00-50.50; 200-260 lbs. 55.00-56.00

Peoria Hogs

Thursday, May 20
Report supplied by USDA

HOGS 4000 - Barrows & gilts moderate, weak to mostly 50 lower. US 1-2 200-250 lbs. 59.50-60.00, 140 head 60.50; US 1-3 200-250 lbs 59.00-59.50.

SOWS. Weak to 1.00 lower. (12%). US 1-3 350-650 lbs 53.00-53.50.

BOARS Over 350 lbs. 50.00; under 350 lbs. 50.00-53.00

(Closing Bids as of Thursday May 20)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
June	72.10	61 92	
July		61.55	
Aug.	66.62		
Oct.	63.77	56.97	
Nov.			7 76

Trend - Cattle are lower, Hogs are lower. Potatoes are lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

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SPECIAL NOTICE: The Lancaster Stockyards will be CLOSED SATURDAY, MAY 29 — NO HOG SALE; but it will be OPEN FOR BUSINESS MONDAY, MAY 31, the Memorial Day Holiday.

You Have A Choice

If you miss Monday, there is always Wednesday

Today, as in the past, Walter M. Dunlap and Sons offers all cattle feeders the choice of what day to market their fat cattle.

Either Monday or Wednesday, we will advise you to the best of our ability what day that week we think is most advantageous to you.

So, Monday or Wednesday, you have a choice. Give us a call for market conditions and honest advice.

NEXT FEEDER PIG SALE
Tuesday, May 25 at 1:00 P.M.

Walter M. Dunlap and Sons
Lancaster Stockyards
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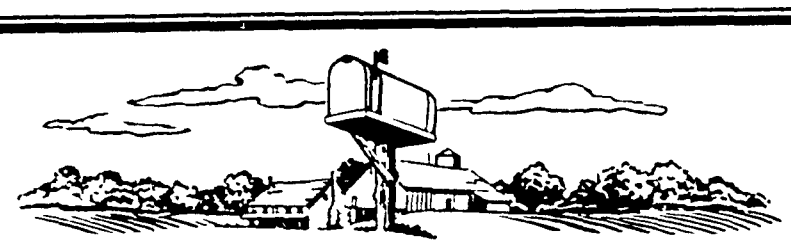
Keeping Abreast With The Times



In this issue

Editorials

Editorially speaking	A10
Our readers write	A10

Columns

Now is the time	A10
Seeding, weeding	B9
Ida's Notebook	B11
On being a farm wife	B15
Ladies, have you heard?	B19
That's a good question	B20
Milk Check	C6
Farming's Futures	D11
Brockett's Ag Advice	D17

Features

Hog contracting	A26
Japanese beetles season	A38
Lan Feeder Pig Sale	D2
Gruber Wagon Works	D12

Dairy

Dairy princess pageants	B18
Milk opens Hershey Park	B26
Reagan visits Chester Farm	A20
Milk dealers review	A29
U S dairy program	A22

Departments

Mailbox Markets	B38
Milk Market News	C3
Classified Ads	C7
Farm Business News	D6
Public Sales	D21

Home and Youth

Homestead Notes	B2
Home on the Range	B6
Farm Women news	B8
Kid's Korner	B10
4 H teen overcomes handicap	B13
FFA news	B22
4 H ers receive scholarships	B27

Poultry Markets

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	May 18 Tuesday	May 20 Thursday
Class 1 - Large	48 lbs.	48½	48
Class 2 - Large	45 lbs.	48	47
Class 3 - Medium	42 lbs.	42	39
Class 4 - Small	39 lbs.	35	33
Breaking Stock	48 lbs.	41	40
Checks	48 lbs.	36½	35½

N. E. Weekly Shell Egg Report

Tuesday, May 18
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	83-87	79-85	67-76	44-54
Mostly	85-86	81-83	68-74	46-52
N. HAMP.	78-84	74-80	62-68	39-45
Mostly	80-83	76-79	64-67	41-44
R.I.	87-88	83-84	72-73	49-50
VERMONT	85-91	81-89	69-79	–
Mostly	87-89	83-85	71-75	–
MAINE	83-85	79-81	67-69	44-46

X Includes Central and Western Sections only.

New York Multiple Drop Broiler Report

Thursday, May 20
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 46-49; 1285 boxes; Premium (X) U.S. Grade A 49½-51; 12,197 boxes.

WTD. AVG.: U.S. Grade A 48.04; Premium (X) 50.74.

(X) Includes special services, selected competitive brands, etc.

Baltimore Eggs

Thursday, May 20
Report supplied by USDA

MARKET COMMENT: Undertone steady; demand aggressive. Supplies adequate to ample. Some lightweight ungraded eggs clear to breaker.

Cartoned Eggs: Prices to retailers, state graded (min one case sale) white.

Grade A Large	64-69
Grade A Medium	54-60

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, May 18
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.40-1.46 per lb.

MUSCOVY DUCKS, HENS: range 1.36-1.44 per lb.

PEKING DUCKS: range .86-1.00 per lb.

RED FOWL: 4-5 lbs. range .30-.38 per lb.

RED FOWL: 5-6 lbs. range .36-.44 per lb.

CROSSBRED FOWL: 5-9 lbs. range .36-.42 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .50-.68 per lb.

CROSSBRED ROOSTERS: 7-12 lbs. range .18-.62 per lb.

GUINEA FOWL: range 1.60-1.72 per lb.

BANTY ROOSTERS: range 2.00-3.85 ea.

BANTY HENS: range .75-1.50 ea.

GEESE: 9-14 lbs. range .42-.64 per lb.

TURKEYS: 25-40 lbs. range .22-.34 per lb.

PIGEONS: range 1.00-1.50 ea.

WHITE PIGEONS: range 2.50-3.10 ea.

RABBITS: 4-6 lbs. range .80-.98 per lb.

RABBITS: 7-10 lbs. range .70-.86 per lb.

GUINEA PIGS: range .10-.75 ea.

GOATS: range 21.00-45.00 ea.

KID GOATS: 16.00-36.00 ea.

TOTAL AMOUNT COUPS: 805.

Weekly New York Egg Market

From Friday, May 14 to May 21

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	72	72	72	72	72
Ex Large	67	67	67	67	67
Large	64	64	64	64	64
Mediums	55	55	54	54	54
Pullets	45	45	44	44	44
BROWN					
Jumbo	94	94	94	94	94
Ex Large	82	82	82	82	82
Large	78	78	78	78	78
Mediums	67	67	67	67	67
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	57	57	57	57	57
Checks	33	33	33	33	33

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Eastern Pa. & N.J. Poultry

Thursday, May 20
Report supplied by USDA

MARKET COMMENT: Light type hen prices trending lower as this week's commitments are at 10 cents, but next week's prices at 9 cents. Offerings irregular but fully sufficient in view of finished product sales. Canner movement limited and processor stocks slow to clear at 25-26 cents picked up. Too few sales to report on heavy type hens but market weak.

Light Type Hens:
At farm: 5½-8, mostly 6-7.
F.O.B. Plant: 9-10, mostly 9.
Heavy Type Hens: TFTR.

Philadelphia Eggs

Thursday, May 20
Report supplied by USDA

MARKET COMMENT: Carton egg orders moderate for immediate delivery; however some added inquiry noted for next week. Supplies adequate to fully adequate on large and fully adequate to ample on medium. Undertone generally steady.

Prices to Retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 64-68; A Large 63-67; A Medium 52-55½.

Delmarva Poultry

Thursday, May 20
Report supplied by USDA

MARKET COMMENT: RTC demand for whole birds slow for immediate delivery but inquiries improved for next week but not that aggressive. Parts in same position but most sellers note inquiry building for next week. Overall slaughter schedules heavy. Live supplies fully adequate to ample. Weights still heavier than desired at most plants. Undertone slightly improved but overall no better than steady.

Today's L.T.L. asking prices unchanged on U.S. Grade A at 47-51 cents, but realistically any volume type sales in range of 45-47 cents for immediate shipment.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 5/20 1906; Actual 5/13 1876; Actual 5/18 1898; Average Weights 5/18 4.35; 5/11 4.36.

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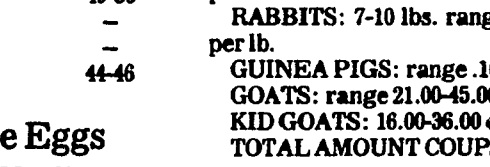

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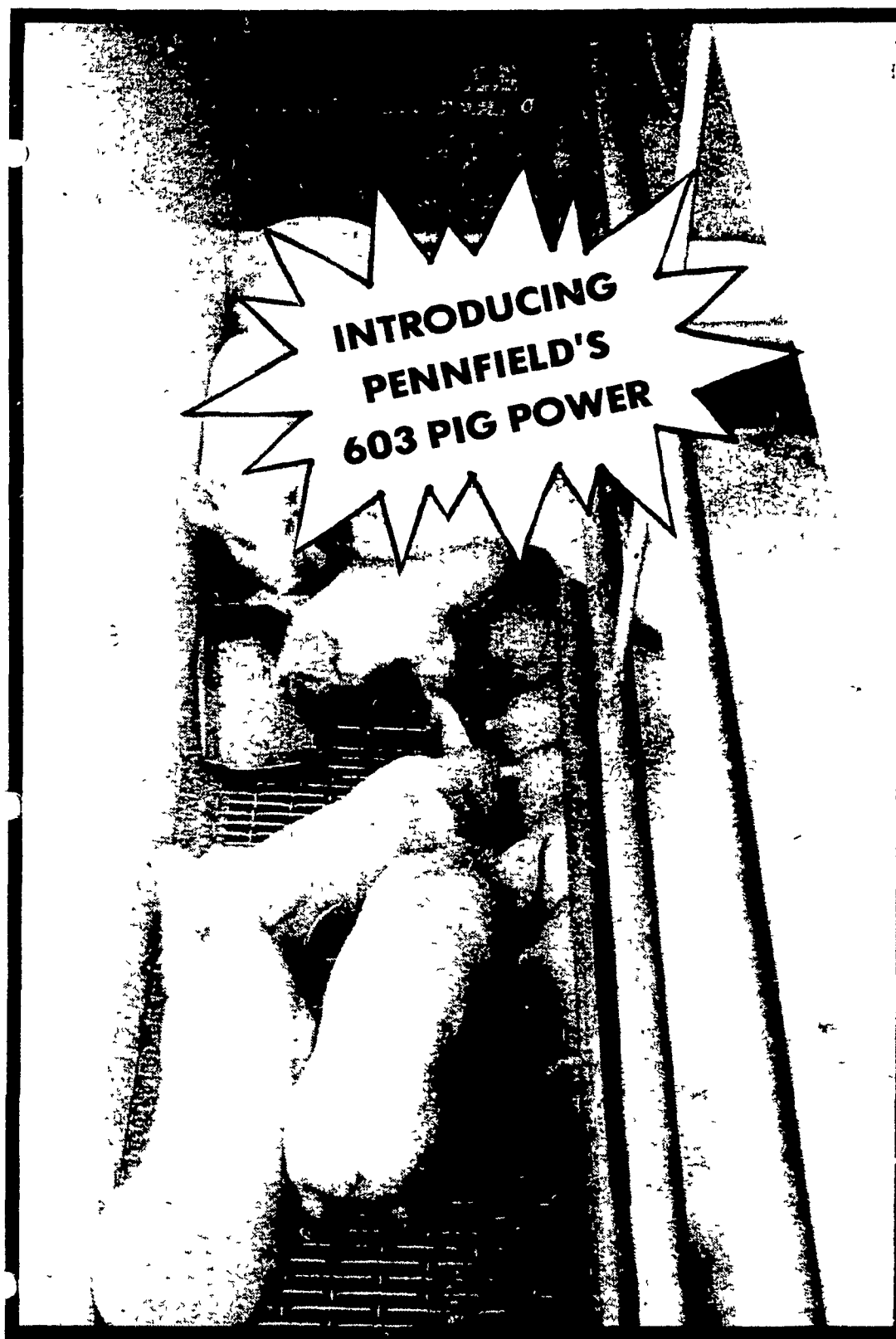

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Livestock market and auction news

Hay Markets

Frederick Co. Hay
Buckeystown, Md.
Thursday, May 20
Report supplied by auction

17 loads; market steady to weak.

Alfalfa good 100.00-160.00; one New Cutting Alfalfa wet 50.00; two Orchardgrass 60.00 & 67.50, Timothy good 101.00-125.00, one dark 73.00; Wheat Straw two good 50.00 & 54.00, one dark 44.00.

New Holland Hay
New Holland Sales Stables
Monday, May 17
Report supplied by auction

113 loads; market steady on top quality hay and straw; slow on lower grades.

Alfalfa choice 125.00-185.00, medium 100.00-125.00; Alfalfa Mixed choice 140.00-195.00, medium 110.00-140.00, lower grades down to 80.00; Clover 91.00-107.00; Timothy choice 125.00-152.00, medium 100.00-125.00; Mixed Clover and Timothy choice 120.00-150.00, medium 90.00-120.00, few loads to feed 70.00-90.00; Ear Corn 94.00-99.00, one at 86.00; Straw mostly 65.00-75.00.

Good's Hay
Leola, Pa.
Wednesday, May 19
Report supplied by auction

109 loads.

Mixed 70.00-167.00; Alfalfa 52.00-157.00; New Cuttings Alfalfa 61.00-120.00; Timothy 61.00-125.00; Corn 83.00-100.00; Straw 41.00-74.00; one Peanut Hulls 54.00.

Regional Hay
Monday, May 14
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay and Straw slow and steady, top quality. Hay scarce, new hay soon to be on the market.

Alfalfa 90.00-225.00; Mixed hay 80.00-90.00; Timothy hay 80.00-90.00; Straw 45.00-50.00; Mulch 40.00-45.00.

Kiesters Hay
Middleburg, Pa.
Tuesday, May 18
Report supplied by auction

17 loads of hay; Timothy 65.00-80.00; Mixed 74.00-140.00; Alfalfa 200.00-204.00.

3 loads of Straw: 46.00-48.00.

One load of Ear Corn: 80.00.

Green Dragon Hay
Ephrata, Pa.
Friday, May 14
Report supplied by PDA

42 Loads Hay and 20 Loads Straw.

Alfalfa 130.00-220, mostly 161.00-205; Mixed hay 94.00-175, individual 194.00; Timothy hay 119.00-149.00; Straw 69.00-83.00; Ear Corn, 9 loads 85.00-103, individual 111; Corn Fodder, one load 70.00.

Leinbach's Hay
Shippensburg, Pa.
Tuesday, May 18
Report supplied by auction

11 loads of Hay: Alfalfa 121.00-154.00; Mixed 64.00-123.00; one Clover 85.00.

One load of Ear Corn: 91.00.

Oats: 2.25 bu.

Belleville Auction
Wednesday, May 12
Report supplied by PDA
Belleville, Pa.

14 Loads Hay and 3 Loads Straw.

Alfalfa, few 157.50-202.50; Mixed hay, few 105.00-142.50; Timothy hay 89.00-152.50, few to 190.00; Straw 51.00-60.00.

Pa. Grain
Monday, May 17
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa.: Corn uneven, mostly steady, instances 5 cents higher. Wheat unevenly steady to weak. Barley, Oats and Ear Corn mostly steady.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.80-3.05, few reported down to 2.70, average 2.80, New Crop 2.60-2.76; Wheat No. 2 range 3.49-3.65, average 3.56, New Crop 3.15-3.36; Barley No. 2 range 2.10-2.25, few reported down to 2.40, average 2.21, New Crop 1.70-2.00; Oats No. 2 range 2.10-2.30, average 2.21; Soybeans No. 1 range 6.00-6.30, average 6.20, New Crop 6.25-6.33; Gr. Sorghum #2 range 2.15, average 2.15; Buckwheat New Crop 10.55; Ear Corn range 77.00-80.00, few reported down to 71, average 78.00.

Central Pa.

Corn No. 2-y range 2.65-2.95, average 2.78; Wheat No. 2 range 3.35-3.50, few reported 3.80, average 3.50; Barley No 3 range 2.10-2.25, average 2.18; Oats No. 2 range 1.90-2.10, few reported down to 2.25, average 2.02; Gr. Sorghum #2 range 2.40, average 2.40; Ear Corn range 70.00-77.00, average 73.00.

South Central Pa.

Corn No. 2-y range 2.55-2.70, average 2.64; Wheat No. 2 range 3.20-3.25, average 3.23; Barley No. 3 range 2.15-2.30, average 2.21; Oats No. 2 range 2.10-2.30, average 2.19; Ear Corn range 65.00-80.00, average 73.00.

Western Pa.

Corn No. 2-y range 2.55-2.60, few reported down to 2.62, average 2.62; Wheat No. 2 range 3.15-3.25, average 3.20; Barley No. 3 range 2.15-2.25, average 2.20; Oats No. 2 range 2.00-2.10, average 2.06; Ear Corn range 68.00-71.00, average 69.50.

Southeastern Central & South Central Summary

Corn No. 2-y range 2.65-3.05, average 2.81; Wheat No 2 range 3.25-3.65, average 3.49; Barley No. 3 range 2.10-2.30, average 2.20; Oats No. 2 range 1.90-2.30, average 2.11; Ear Corn range 70.00-80.00, average 75.17.

Shenandoah Valley Livestock
Harrisonburg, Va.
Saturday, May 15
Report supplied by auction

FEEDER CATTLE: Trend-Feeder Steers steady; Hfr. 2.00 lower; Bulls steady.

Steers: M&L-1 300-500 lbs. 63.00-72.00; 500-700 lbs. 62.00-70.50; 700-1000 lbs. 57.00-63.50; Holstein 300-1000 lbs. 50.00-59.00. S-1&M&L-2 300-500 lbs. 59.00-65.00; 500-700 lbs. 58.50-62.00.

Feeder Bulls: M&L-1 300-500 lbs. 55.50-59.00; 500-700 lbs. 54.00-62.00. S1&M&L-2 300-500 lbs. 50.00-58.50.

Heifers: M&L-1 300-500 lbs. 49.00-55.00; 500-700 lbs. 50.00-56.00; 700-800 lbs. 54.50-61.85. S-1&M&L-2 300-500 lbs. 45.00-50.00; 500-700 lbs. 46.00-49.50.

Stock Cows: Beef 300.00-570.00. Baby Calves 50.00-100.00.

Slaughter Cattle: Trend: Too few for trend. Steers Good 2-3 63.00-66.75. Heifers Good 2-3 53.00-58.00.

Slaughter Cows: Trend: Sl. cows steady. Sl. bulls 4.00 higher. Utility & Commercial 2-4 37.00-43.75; Canner & Cutters 1-3 30.00-37.00.

Slaughter Bulls 1&2: 49.00-59.00.

Lambs: Trend: Lambs 2.00 higher. High Choice & Prime 75.00; Choice 71.25; Slaughter Ewes 14.75-17.25; Head Ewes & Lambs 49.00-49.50.

Hogs: Hogs 1.00 higher. US 1-3 200-240 lbs. 58.60; Sows 1-3 52.00-59.00; Boars 46.00.

Veal: Choice & Prime 73.00-77.50; Good 55.00-67.50.

Slaughter Calves: Good & Choice 61.00-69.00.

St. Louis Sheep
Thursday, May 20

Wednesday's sheep auction. Receipts about 350 head. Compared last Wednesday, slaughter lambs steady Other classes scarce and prices not well tested.

SPRING SLAUGHTER LAMBS: Choice and Prime 90-120 lbs 73.00-75.00. Small lot Prime 117 lbs. 75.50. Few lots Good and Choice 84-97 lbs. 67.50-68.00.

OLD CROP SHORN SLAUGHTER LAMBS: Few lots and part decks Choice and Prime 104-114 lbs. with No. 1-2 pelts 67.50-70.00.

FEEDER LAMBS: Small lot Choice and Fancy 48 lbs. 35.00 per head.

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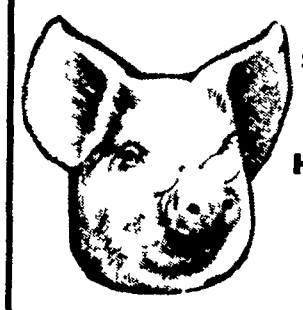

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R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer
NEXT SALE DATE JULY 9

Livestock market and auction news

Leesport Auction

Leesport, Pa.
Wednesday, May 12
Report supplied by PDA

CATTLE 397. Supply included 83 feeder cattle. Compared with last Wednesday's market, slaughter steers strong to $1.50 higher. Slaughter cows and bulls $1.50-$2.50 higher. Few Choice 960-1215 lbs. slaughter steers 68-71.10, Good & Choice holsteins 1275-1550 lbs. 60-63.85, few 67.60, Good 62-67.85, Standard 56.50-63, few Utility and Low Standard 48.00-55. Choice 800-1050 lbs. slaughter heifers 60.50-63, few Good 55-62.50, few Standard 52.00-56. Utility & Commercial slaughter cows 45-47.75, few 52.00, Low Dressing 42.25-45, Cutters 42-46.35, Canner & Low Cutters 40-43.85, Shells down to 34.25. Good slaughter bullocks 56.50-61.25, few 63.25, Standard 52.00-54.50, few Utility 46-50.85 Yield Grade #1, 1250-2160 lbs. slaughter bulls 54-59.50, few #2, 880-1180 lbs. 43.50-54.10. Few Large & Medium Frame #1, 335-370 lbs. feeder steers 75.00-80, Large #2, 575-800 lbs. 50-57.50, few Medium #2, 320-390 lbs. 60-70.50, Lot Medium Frame #1, 675 lbs. feeder heifers at 56.50, few Large Frame #2, 475-800 lbs. 46.00-50. Large & Medium Frame #1, 4-850 lbs. feeder bulls 53.00-59, Large #2, 360-680 lbs. 50.50-55, few Small #1, 525-610 lbs. 45.50-53.50.

CALVES 117. Couple Prime vealers 110.00 & 117, Choice 96.00-108, few Good 85.00-94, few Standard and Good 110-120 lbs. 70.00-90, few 85-110 lbs. 65.00-70, few 75-85 lbs. 58.00-64, few Utility 60-95 lbs. 50.00-62. Farm Calves: Hol. Bulls 90-120 lbs. 86.00-100, some down to 71.00; few Hol. Heifers 90-115 lbs. 80.00-103; few Beef cross bulls and heifers 85-110 lbs. 77.50-93, individual 107.50.

HOGS 351. Barrows and gilts $4-$4.50 higher. US No. 1-2 2-245 lbs. barrows and gilts 61.75-62.25, No. 1-3 2-245 lbs. 60.00-62, few down to 58.50, few No. 2-3 265-330 lbs. 55.60-69, lot No. 1-3 185 lbs. at 58.35. Sows $1.50-$3 higher. US No. 1-3 3-450 lbs. sows 51.50-55.25, few 450 lbs. and up 55.75-57.75, few No. 2-3 500-700 lbs. 50.50-54.50, Medium 260-450 lbs. 46.60-51. Boars 42.00-45, light weights 45.00-51.50.

FEEDER PIGS 134. US No 1-3 25-65 lbs feeder pigs 122.00-139 Cwt., lot No. 1-3 30 lbs. at 147, few No. 1-3 115-145 lbs. 62.50-69 Per Hundredweight basis.

SHEEP 72. Choice 25-45 lbs. spring slaughter lambs 88.00-100, individual 107.50, 45-65 lbs. 81.00-88, few 70-90 lbs. 75.00-80. Few Good & Choice 85-135 lbs. wooled lambs 52.00-61. Slaughter sheep 17.00-28.

GOATS 32: Adult 35.00-49, one at 60, Small 26.00-29, Kids mostly 20.00-36 all goats per head basis.

Eighty-four Auction

Eighty-four, Pa.
Monday, May 17
Report supplied by PDA

CATTLE 332. Compared with last Monday's market, slaughter cows mostly steady. Few Choice slaughter steers 68.75-70.25, few Good 63.00-67.00, Standard 56.00-63.50, Utility 44.00-57.00. Couple Choice slaughter heifers 67.75-68.50, few Standard & Good 54.00-62.00, Utility 44.00-50.00. Utility & Commercial slaughter cows 46.00-49.50, one at 52.00, Commercial No. 4-5 43.00-47.00, Cutters 41.00-46.50, Canner & Low Cutter 35.00-41.50, Shells down to 34.00. Standard slaughter bullocks 50.00-53.00. Few Yield Grade #1 1400-2000 lbs. slaughter bulls 50.00-55.00; yield grade #2 1200-1700 lbs. 45.00-49.00. Medium Frame #1 300-500 lbs. feeder steers 62.00-66.25; Medium Frame #1 500-700 lbs. feeder heifers 51.00-54.00, No. 2 350-500 lbs. 44.00-47.00, Large Frame #1 500-700 lbs. 53.00-55.00.

CALVES 292. Vealers grading Good & Choice $8 to $10 lower, Standard & Good steady. Choice vealers 81.00-93.00, one at 96.00, Good 73.00-82.00, Standard 63.00-74.00, Standard & good 90-130 lbs. 66.00-75.00, 65-85 lbs. 56.00-67.00, few Utility 50-70 lbs. 25.00-40.00. Farm calves, holstein bulls 90-130 lbs. 70.00-98.00; holstein heifers 65.00-95.00.

HOGS 179. Barrows & gilts 75 cents to $1 higher. US No. 1-2 200-250 lbs. barrows & gilts 58.75-60.00, No. 1-3 200-260 lbs. 57.50-59.00, No. 2-3 230-265 lbs. 56.00-57.00. No. 1-3 127-180 lbs. 53.00-55.60. US No. 1-3 350-600 lbs. sows 53.75-58.50, No. 2-3 400-650 lbs. 49.00-54.00. Boars 41.00-46.25.

FEEDER PIGS 10. Lot US No. 1-3 26 lbs. feeder pigs 31.00 per head.

SHEEP 76. Spring slaughter lambs $2 to $4 lower. Choice 80-88 lbs. spring slaughter lambs 74.50-77.00, Good 50-55 lbs. 67.00-70.00, Utility 50-60 lbs 50.00-55.00 Slaughter sheep 12.00-16.00.

GOATS 12. 11.00-20.00 per head.

Carlisle Auction

Carlisle, Pa.
Tuesday, May 18
Report supplied by auction

CATTLE. Steers: Low Choice 65.50-66.00; Medium to Good 60.00-61.50 Standard 54.50-58.50 Heifers. Choice up to 63 50; Good 57.75-60.00; Standard 48.00-53.00; Utility 44.00-44.75. Cows. Early bird pen up to 51 50; Utility & Commercial 46.75-49.00; Cutter 44.00-46.50; Canner & Low Cutter 40.25-43 00; Shells down to 36.50 Bullocks: (Beef Bulls) Choice 59.75-61 00; Good 54 00-58.25. Bulls. 3.00 higher. Yield Grade No. 1 56.25-57.10; No. 2, 51.00-53.50 Feeder Steers: Good 305-390 lbs 54.00-65 00; Good 415-530 lbs. 56 50-60 00; Good 575-750 lbs. 58.50-59.00; Medium 590-665 lbs. 41.00-49.00 Feeder Heifers: Medium 300-390 lbs. 47 00-57.50; Medium 395-530 lbs. 52 00-53.00; Medium 605-680 lbs. 44.50-54.50. Feeder Bulls Choice 145-155 lbs. 70.00-72.00, Medium 415-475 lbs. 49.00-54.00. Feeder Pigs: US No. 1-2 19-20 lbs. 33.00-36.00 Hd. No. 1-2, 25-33 lbs 48.00-50.00 Hd; No. 1-2, 31-40 lbs. 49.00-57.00 Hd. No. 1-3, 40-44 lbs 44.00-50.00 Hd; No. 2-3, 55-60 lbs 44.00-53.00 Hd. Calves: Vealers Choice 85.00-95.00; Good 71.00-85 00; Standard & Good 55.00-70.00, Standard & Good 50.00-60.00. Farm Calves: Hol. Bulls 110.00-120.00, Hol. Heifers 80.00-99.00. Hogs. Very active 2.00 higher; U.S. No. 1-2, 61.35-63.35, U.S. No. 1 & 3 59.60-62.00; U.S. No. 2-3, 54.00-59.50. Sows: US No. 1-3, 49.00-56.00, No 2-3, 44.50-50.00. Boars: 45.50-48.50 Goats: 24.00-41.00 Hd. Lambs Good to 80.50. Ewes: to 37.50.

Sale Tues. 7:00 P.M Misc. Sale 4.15 P.M.

Keisters Middleburg Livestock Auction

Middleburg, Pa.
Tuesday, May 18
Report supplied by Auction

CATTLE 413: High Choice & Prime slaughter steers 70.50-77.10, Choice 69.00-75.85, Good 65 00-69.00, Standard 58.00-65.00, Utility 48.00-58.00. Good slaughter heifers 58.00-64.50, Standard 50.00-58.00, Utility 45.00-50.00. Utility & Commercial slaughter cows 46.00-53.25, few to 55.10, Cutters 45.00-49.85, Canner & Low Cutter 38.00-45.00, Shells down to 35.00. Choice slaughter bullocks 65.10-68.25, Good 55.00-62.75. Yield Grade #1 1200-2100 lbs slaughter bulls 53.00-59.25; yield Grade # 800-1200 lbs. 42.00-53.00. Medium Frame #1 400-800 lbs. steers 55.00-65.00.

CALVES 161. Prime vealers 104.00-108.00, Choice 90.00-100.00, Good 80.00-90.00, Standard & Good 90-110 lbs. 65.00-75.00, 70-90 lbs. 55.00-65.00. Farm calves, holstein bulls 90-125 lbs. 85.00-115 00; holstein heifers 90-150 lbs. 85.00-120.00

HOGS 744· (Monday, May 17, 1982). US No. 1-2 210-235 lbs. barrows & gilts 61.00-62.35, few 63.10, No. 1-3 190-250 lbs. 60.25-61.00, No. 2-3 190-270 lbs. 58.00-60.25. US No. 1-3 300-650 lbs. sows 53.00-58.00, No. 2-3 250-600 lbs. 49.75-53.50. Boars 230-700 lbs 50.75-52.00.

FEEDER PIGS 266: US No. 1-3 10-20 lbs. feeder pigs 25.00-35.00 per head, No. 1-3 20-40 lbs. 35.00-52.00, No. 1-3 40-60 lbs. 52.00-69.50 per head.

SHEEP 62: Choice 25-45 lbs. spring slaughter lambs 75.00-87.50, Good 75-140 lbs. wooled slaughter lambs 40.00-69.00. Slaughter ewes 12.00-25.00.

New Wilmington Auction

New Wilmington, Pa.
Monday, May 17
Report supplied by PDA

CATTLE 241. Compared with last Monday's market, slaughter cows $1 to $1.50 higher. Few Choice slaughter steers 68.00-70.00, few Good 61.25-66.00, Standard 52.00-59.75. Few Choice slaughter heifers 63.00-64 00, one at 70.00, Good 55 00-62 00, few Standard 48.25-55.00 Utility & Commercial slaughter cows 44 00-49 00, few 49.75-54.50, Cutters 41 00-45 50, Canner & Low Cutter 36 75-41 50, Shells down to 32.00. Yield Grade #1 1050-1660 lbs. slaughter bulls 50 75-55 00; yield grade #2 940-1640 lbs. 45 00-50.00 Medium & Large Frame #1 320-610 lbs feeder heifers 44 00-56.00, Medium & Large Frame #2 300-500 lbs 37 00-44 00; Medium & Large Frame #1 300-730 lbs. feeder bulls 44 50-54 00

CALVES 246 Vealers grading Good & Choice about steady, Standard $5 to $8 lower Few Prime vealers 105 00-106.00, Choice 90 00-105 00, Good 78 00-89.00, Standard & Good 90-120 lbs 55 00-70 00, 70-85 lbs. 45 00-55 00, Utility 45-70 lbs 25.00-39 00 Farm calves, holstein bulls 95-135 lbs 65 00-93.00, holstein heifers 70-160 lbs 60.00-80.00

HOGS 600 Barrows & gilts mostly $2 higher US No. 1-2 210-245 lbs. barrows & gilts 60.35-61.35, No. 1-3 200-255 lbs. 59.00-60 50, No 2-3 200-270 lbs. 55 00-58.50, few 48 50-54 00 Sows steady to strong US No 1-3 275-620 lbs. sows 50 00-57 00 Boars 42 75-50 00

FEEDER PIGS 44. One lot US No. 1-3 20 lbs feeder pigs 24 00 per head, No 1-3 30-40 lbs. 35.00-45 00 per head.

SHEEP 145. Choice 50-80 lbs spring slaughter lambs 64.00-79 00, Good 40-75 lbs 50 00-68.00, few to 71.00. Slaughter ewes 15.00-21 00

Special Horse Sale

New Holland Sales Stables
Friday, May 14
Report supplied by auction

170 head.

N.Y. driving 625.00-950.00; Ky driving 660.00-1100.00; Ky. driving 1050.00-1750 00.

Tn. work pairs 2050.00-2700, singles 875.00-1350.00; Pa driving 510.00-875.00, N.Y. driving 700 00-2000.00; N J driving 500.00-1000.00

Local driving 450.00-1100.00; Work pairs 1325.00-1800.00, singles 630.00-1000 00; mules singles 550.00-900.00.

For quotations of next week's prices
call collect 215-488-7617
After 2:00 P.M. Wednesday

LESS LABOR

VERY SANITARY

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Buyers of Leghorn Fowl

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SCOTT SECHLER

GORDON STAP

BEEFALO FOR SALE
-Semen in stock
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4270
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609-896-0336

PIGS
STATE GRADED SALE
FRI., MAY 28
1:30 P.M.
AT
WESTMINSTER LIVESTOCK AUCTION
Westminster, Md.
Phone [301] 848-9820

Livestock market and auction news

THE OLD FARMER'S ALMANAC

MAY 24-30, 1982

Kissed by a lilac mist.

Repair pleasure boats now George Jessel died May 24, 1981 First quarter of the moon May 29 (Sat.) Average length of days for the week, 14 hours, 57 minutes Dionne quints born May 28, 1934 Babe Ruth hit his last home run (#714) May 25, 1935 *Forethought is better than repentance*

Ask the Old Farmer: Since there are no plums in plum pudding, why is it named that? S L, Grand Forks, ND

It's a fancy way of saying the pudding has raisins in it It's like plum duff, a favorite dessert of sailors, which had nothing in it but flour, water, and a handful of raisins

Home Hints Always iron needlework on the wrong side

OLD FARMER'S WEATHER FORECAST

New England: Clearing, warm south, showers north to begin week, rainy and cold midweek, weekend is clear, warm

Greater New York-New Jersey: Rain, heavy west, and turning cool, first part of week, sunny and warm to end week

Middle Atlantic Coastal: Beginning of week brings showers, hot temperatures, then partly cloudy and warm, showers south

Piedmont & Southeast Coastal: Week begins with rain, last part of week is hot, turning seasonable, with showers

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East Coast Carlot

Wednesday, May 19
Report supplied by USDA

Compared to Tuesday's close: Narrow test of Prime special fed veal generally steady. Good and Choice boning veal 2.00 to 4.00 lower than early week; inshipped steady to 1.00 lower. Boneless beef 90% chem lean not established, undertone firm; few sales 85% chem lean firm.

VEAL CARCASS
40 Head

180-240 lbs. few 187.00, generally steady.

BONING TYPE
HIDE-ON
Good & Choice

Northeastern Suppliers: 65-75 lbs. 106.00, all 2.00-4.00 lower; 55-64 lbs. 104.00; 45-54 lbs. 102.00; 34-44 lbs. 100.00; 34 lbs. down 98.00.

Inshipped: 71-80 lbs. 109.00-110.00, all steady-1.00 lower; 61-70 lbs. 107.00-108.00; 51-60 lbs. 105.00-106.00; 41-50 lbs. 103.00-104.00; 30-40 lbs. 101.00-102.00.

SPRING LAMB CARCASS
Choice & Prime 3-4
2 Loads

55 lbs. down 153.00 PLS.

BONELESS BEEF
3 Loads

85% chem lean fresh 114.50, 113.00 late yesterday firm.

BEEF TRIMMINGS
13 Loads

65% chem lean fresh 99.00.
50% chem lean fresh 82.50-85.00.

CURED AND PROCESSED MEATS
5 Loads

Skinned Hams: 16-20 lbs. 94.00.

Semi-Boneless Hams: 14-17 lbs. 109.00 steady.

Boneless Hams: 13-17 lbs. 142.00 steady.

No. 1 sliced bacon, vac pac 1 lb. pkg. 142.00 firm.

Franks, 70 Beef, 30 Pork, 1 lb. pack, 87.00 stady.

New Holland Horse

Monday, May 17
New Holland, Pa.
Report supplied by auction

Reported receipts of 323 head of horses, mules, and ponies. Market: steady.

Work horses 950.00-1450.00; one pair 3000.00; Better horses 600.00-900.00; Driving horses 400.00-700.00; Riding horses 400.00-500.00; Lightweight killers 375.00-500.00; Heavyweight killers 550.00-710.00; Mare Ponies 45.00-135.00; Pony Colts 15.00-50.00; Geldings 45.00-135.00; Larger ponies 160.00-250.00.

Central U.S. Carlot

Wednesday, May 19
Report supplied by USDA

Compared to Tuesday's 4:00 p.m. report: Choice 3 steer and heifer beef mostly steady; instances 1.00 higher. Otherwise market not established. Demand and trading light to moderate on moderate supplies. Processors generally taking a wait-and-see attitude with large share of trade on a packer to packer basis. The boxed beef carcass cutout value advanced $.57 to an estimated $121.46 per cwt. Sales reported on 101 loads of steer and heifer beef, including 22 loads late Tuesday.

STEER BEEF
67½ Loads
FOB Omaha Basis

Choice 3: 600-900 lbs. 119.00, mstly stdy, inst. 1.00 higher on 600-700 lbs.

Good 2-3: 600-700 lbs. 114.00-115.00.

FOB Amarillo Basis

Choice 3: 600-700 lbs. 118.50-120.00, late Tuesday.

Choice 3: 600-700 lbs. 117.00-119.50 Wed.

Choice 2: 600-700 lbs. 119.50-121.00, late Tuesday.

Choice 2: 600-700 lbs. 119.00-121.00 Wed.

Choice 4: 600-900 lbs. 111.00-112.00, West.

Good 2-3: 600-700 lbs. 113.00-115.00, late Tuesday.

HEIFER BEEF
33½ Loads
FOB Omaha Basis

Choice 3: 550-700 lbs. 118.00, mstly stdy, inst. 1.00 higher.

Choice 3: 500-550 lbs. 113.00 steady.

Choice 3: 400-500 lbs. 111.00 steady.

Choice 4: 500-700 lbs. 109.00.

Good 2-3: 600-700 lbs. 112.00-113.00.

Good 2-3: 500-550 lbs. 105.00.

FOB Amarillo Basis

Choice 4: 500-700 lbs. 111.00-112.00, west.

Good 2-3: 600-700 lbs. 112.00, late Tues.

Cows steady with yesterday's advance. Demand and trading moderate following increased interest and higher price on boneless processing beef. Supplies light.

COW BEEF
10 Loads
FOB Omaha Basis

Brkg Utlty 3-4: 450/up lbs. 78.50 (West).

Bng Utlty 1-2: 400/up lbs. 80.50 (West).

Bng Utlty 1-2: 400/up lbs. 84.75 (Midwest).

Cnr & Cutter 1-2: 350/up lbs. 84.00 (Midwest).

Cnr. & Cutter 1-2: 350/up lbs. 79.50 (West).

BULL BEEF
2 Loads
FOB Omaha Basis

Bull 1-2: 500/up lbs. 91.00.

PRIMAL BEEF CUTS
13½ Loads

Hinds (H): 120-170 lbs. 138.50-139.00.

Fores: 130-210 lbs. 99.00.

Short Plates: 75.00-84.00.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS
41 Loads
FOB Omaha Basis

90% chem lean fresh 117.00.

85% chem lean fresh 114.00-115.00.

65% chem lean fresh 94.50.

50% chem lean fresh 81.50-84.00.

92% chem lean fresh bull 122.00.

FOB Amarillo Basis

90% chem lean fresh 116.00.

Compared to Tuesday's 4:00 p.m. report: Fresh loins 14-17 lbs. steady to mostly 1.00-3.00 higher for late week or next week ship, couple loads steady to weak for immediate ship; 17-22 lbs. steady to 1.00 higher. Boston butts 2.00-5.00 higher. Fresh hams 2.00-2.50 lower. Sdls bellies steady to 2.00 lower. Trimmings and boneless processing pork steady to 3.00 higher. Trading moderate. Demand good for loins, butts, and trimmings; demand light for hams and bellies with heavy supplies. Sales reported on 43½ loads and 9 loads of trimmings.

FRESH PORK CUTS

LOINS: 14/dn lbs. 116.00; 14-17 lbs 115.00-116.00, late 115.00; steady to mostly 1.00-3.00 higher. 14-17 lbs. 112.50 immediate ship, steady to weak; 17-22 lbs. 112.00-113.00, stdy.-1.00 higher.

BOSTON BUTTS: 4-8 lbs. 107.00, 2.00-5.00 higher; 8/up lbs. 101.00, 4.00 higher.

SKINNED HAMS: 14-17 lbs. 85.50, 2.50 lower; 20-26 lbs. 84.00, 2.00 lower; 26/up lbs. 84.00 early.

BELLIES, SDLS: 12-14 lbs. 81.00, stdy-2.00 lower; 14-16 lbs. 81.00, 1.00-2.00 lower.

PORK TRIMMINGS
BONELESS PROCESSING PORK
(Chemical Lean)

42% trimmings 71.75-mstly 72.00 fresh stdy-firm.

72% trimmings 99.00 fresh, 3.00 higher.

75% bnls pics 105.00 frozen.

Skinned Jowls: 70.50 frozen, 3.00 higher.

New Holland Dairy

New Holland, Pa.
Wednesday, May 19
Report supplied by auction

Reported receipts of 85 cows, 86 heifers, and 11 bulls. Market steady.

Load of Pa. fresh cows, 750.00-990.00; Load of NY fresh cows, 1030.00-1300.00, springers 1070.00-1275.00; Load of Pa. fresh cows, 1025.00-1475.00; Load of Pa. fresh cows, 930.00-1030.00; Load of Franklin County springers, 1090.00-1325.00; Load of Canadian fresh cows, 1010.00-1125.00, springers 810.00-1425.00.

Locally consigned cows 460.00-970.00; Springing heifers 700.00-1000.00; Open heifers 250.00-425.00; Bulls 435.00-870.00.

FOR BEEF CONFINEMENT

CONTACT

ROBERT McCOMSEY
Cochranville, PA 19330
Ph: 215-593-2157

MICHAEL HOOK
RD2, Box 163
Peach Bottom, PA 17563
Ph: 717-548-2615

MARYLAND

RICHARD PRICE
Box 305
Arendtsville, PA 17303
Ph: 717-677-6986

MICHAEL GILDEA
Box 829
Sykesville, MD 21784
Ph: 301-549-1158

RAY HURST
Pine Grove, PA 17563
Ph: 717-345-3290

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QUALITY FARM BUILDINGS

Consignment Sale
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EVERY TUESDAY
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Melvin Sensenig, Auctioneer

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1 Mile North of Ephrata, PA

COWS COWS COWS
BUYERS FROM 3 STATES
Regular consignments from Bob Kennedy & Ed Stover plus 15 other local consignors.
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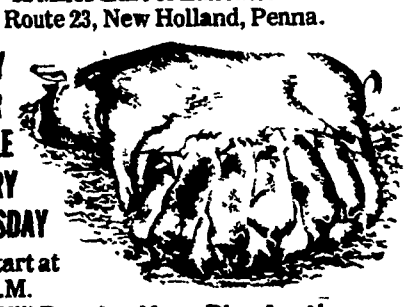
SALE EVERY FRIDAY
Bulls, Steers, Slaughter Cows, Lambs and Veal Calves
11:00 A.M.- Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M.- Dairy Cows
7:00 P.M.- Small Animal Sale
For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.
WALTER H. RISSER, Proprietor

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna.
WEEKLY FEEDER PIG SALE EVERY WEDNESDAY
Sale to Start at 1:30 P.M.



We Will Receive Your Pigs Anytime From 7 A.M. Wed. Morning
State Graded Until 12 Noon.
All pigs inspected by State Approved Veterinarian.
State tags available at our office for you to tag pigs at home to save 25 cents tagging charge.
Tags delivered if you call 717-354-4341 our office in advance.
Calf Sale To Be Held Every Thursday At 3:30 P.M.
NORMAN KOLB 717-397-5538
ABE DIFFENBACH 717-393-4464

Va. market summary & sale reports

Direct market reports provided by Va. Dept. of Agriculture in cooperation with USDA

Virginia Auction Summary

May 13-19
Report supplied by VDA

Total of Va. Weekly Auction Receipts: 5,435.

TREND: $1.00 to $2.00 higher on steers and heifers.

Northern, Va.
Auction Summary
May 13-19

Auctions included: Fredericksburg, Front Royal, Rockingham, Charlottesville, Madison, Shen-Valley, Winchester, Staunton, Marshall and Orange.

STEERS: 300-500 lbs. Medium 1 61.00-76.00; Large 1 60.60-67.00; Small 1 60.00-69.00; 500-700 lbs. Medium 1 58.50-73.00; Large 1 60.00-73.00; Small 1 53.00-67.00; 700-1000 lbs. Medium 1 57.00-67.00; Large 1 60.00-68.90.

HEIFERS: 300-500 lbs. Medium 1 50.00-62.00; Large 1 50.00-64.00; Small 1 45.50-56.00; 500-700 lbs. Medium 1 48.50-59.50; Large 1 50.00-64.00; Small 1 45.50-55.00; 700-900 lbs. Medium 1 51.00-57.00; Large 1 49.50-50.00

Eastern Va.
Auction Summary
May 13-19

Auctions included. Richmond, Southampton, Smithfield, and Blackstone.

STEERS: 300-500 lbs. Medium 1 59.00-66.00; Small 1 55.00-58.00; 500-700 lbs. Medium 1 63.50-65.50; Large 1 63.75-67.50; 700-1000 lbs. 62.50-65.50; Large 1 66.00.

HEIFERS: 300-500 lbs Medium 1 48.50-55.00; Large 1 53.00-55.50; Small 1 46.00-50 50; 500-700 lbs. Medium 1 48.75-53.75

Western Va.
Auction Summary
May 13-19

Auctions included. Abingdon, Narrows, Tri-State, Lynchburg, Hollins and Galax.

STEERS. 300-500 lbs. Medium 1 61.00-77.00; Large 1 65.00-74.50; Small 1 54.00-68.00, 500-700 lbs. Medium 1 58.00-76.00; Large 1 63.00-71.00; Small 1 54.00-68 00; 700-1000 lbs. Medium 1 58.00-65.50; Large 1 58.00-66.00.

HEIFERS. 300-500 lbs. Medium 1 48.50-60.50; Large 1 50.00-59.00; Large 1 45.00-54.00; 500-700 lbs. Medium 1 48.25-57.50; Large 1 50.00-57.00; Small 1 45.00-52 00; 700-900 lbs Medium 1 48.00-56.00; Large 1 47.25-56.50.

Feeder Pigs

Cortland, Va.
Thursday, May 13

FEEDER PIGS: Receipts. 698.

US 1 & 2: 30-39 lbs. 130.00; 40-49 lbs. 122.00; 50-59 lbs. 102.00; 60-69 lbs. 100.00; 70-84 lbs. 94.00; 85-99 lbs. 73.00; 100-120 lbs. 72.00.

US 3: 30-39 lbs. 128.00; 40-49 lbs 118.00; 50-59 lbs. 102.00; 60-69 lbs 91 00; 70-84 lbs. 84.00; 85-99 lbs. 71.00.

UTILITY & 4. 30-39 lbs 83.00; 40-49 lbs. 77.00; 70-84 lbs. 83.00.

Feeder Pigs

Tappahannock, Va.
Monday, May 17

FEEDER PIGS: Receipts 362.

US 1 & 2· 40-49 lbs. 125.50; 50-59 lbs. 109.50; 60-69 lbs. 85.50; 70-84 lbs. 67.00; 85-99 lbs. 68 50.

US 3: 40-49 lbs. 120.00; 50-59 lbs 101.50; 60-69 lbs. 75.00; 85-99 lbs. 55 00.

UTILITY & 4. 50-59 lbs. 55 00; 60-69 lbs. 51.00.

Slaughter Lamb

Dublin, Va.
Friday, May 14

Receipts· 1824.

Choice & Prime 95-125 lbs. spring 74 75-75 75, Choice 85-125 lbs. spring 71 75-72.75, Choice and Prime 95-125 lbs shorn lambs 71 75-72.75

Slaughter Cattle

Frederick, Va.
Thursday, May 13

Receipts. 126.

Choice 2-3 900-1050 lbs 68 25-70 50, Choice 2-3 1050-1250 lbs 70 00-72 60, Choice heifers 900-1000 lbs 65 00-68 25

Morrison Cove Auction

Martinsburg, Pa.
Monday, May 17
Report supplied by auction

CATTLE 278. High Choice & Prime slaughter steers 73.85-74 60, Choice 71.60-73 10, Good 68.50-71 10, Standard 62.50-68 75, Utility 52.25-60 25 Choice slaughter heifers 72 25-74.50, Good 70.25-71.10, Standard 63.50-66 10, Utility 52 50-60.25. Utility & Commercial slaughter cows 46 50-52.25, Cutters 43 50-46.25, Canner & Low Cutter 40 50-42.75, Shells down to 33 25. Good slaughter bullocks 56 25-58 75, Standard 50.50-52 75, Utility 46.50-49.75. Yield Grade #1 slaughter bulls 52.50-55.50; yield grade #2 40.10-49 75 Choice feeder steers 60.50-66.25, Good 57 50-60 25, Medium 48.50-52 50; Good feeder heifers 57 50-60.50, Medium 50 25-54 50; Good feeder bulls 58.50-62 25, Medium 47.50-54.50

CALVES 285. Prime vealers 94.50-100.50, Choice 85.50-92 50, Good 74 50-82.50, Standard & Good 110-130 lbs. 68.50-73.50, 90-110 lbs. 64.50-71.50, 70-90 lbs. 55.00-68 50. Farm calves, holstein bulls 90-130 lbs. 85.00-109.00; holstein heifers 90-130 lbs. 85.00-130.50.

HOGS 326. US No 1-2 200-240 lbs barrows & gilts 61.50-62.10, No 1-3 200-240 lbs. 60 50-61 25, No. 2-3 200-240 lbs. 58.00-60.25, No. 2-3 240-300 lbs. 57.25-58.75 US No 1-3 sows 54.25-58.25, No 2-3 45.00-53.50 Boars 42.25-48.25.

FEEDER PIGS 66. US No 1-3 25-40 lbs feeder pigs 32.00-51 00 per head, No 1-3 40-70 lbs. 45.00-52.00 per head.

SHEEP 10 Choice spring slaughter lambs 76.00-81.00 Slaughter ewes 10.00-20 00.

GOATS 12. 15 00-52 00 per head.

Four States Livestock

Hagerstown, Md.
Wednesday, May 12
Report supplied by auction

SLAUGHTER. Fed Steers very active, $1.00 higher Choice 65 50-69 75, Good 60.00-65 00, Medium 59.00 Down Heifers Choice 64.00-68 50, Good 59 00-63.00; Medium 58.00 Down Cows mostly steady High Yield 45.00-46 75, Average 41.50-44 00, Big Middle 38.00-41.00, Fatty Herf 37 00-39 00, Shelly 40 00 Down Fat Bulls Good run, $2 00 higher. Good 56.00-62 75, Medium 48.00-55 00 Veal Calves Steady prices. Choice 93 00-96 00; Good 85 00-92 00; Medium 75 00-84.00, Farm Hfrs to 85 00, Farm Bulls 75.00-109 00, Light & Weak 65 00 Down Lambs Demand for Choice Choice 73 00-78.50; Good 68 00-72.00; Medium 67 00 Down.

STOCKER Steers 300-550 lbs Good run, $3 00-$5 00 higher Choice 71 00-83.00; Good 62.00-70 00; Medium 54.00-61 00, Culls 53 00 Down Steers 600-850 lbs. Choice 63 00-70 00; Good 55 00-62 00; Medium 54 00 Down. Heifers (All Weights) Choice 55.00-62.00; Good 48.00-54 00; Medium 47 00 Down Bulls Choice 57 00-62 00, Good 51.00-56 00; Medium 50.00 Down. Dairy Cows to 630 00. Open Heifers up to 295.00. Pigs, Hd Strong demand. 20-30 lbs 24 00-41.00, 40-60 lbs. 42.00-54.00 Shoats by Lb. to 50.00. Slaughter Hogs $1.50 higher. 210-230 lbs 59.00-59.75; 240-260 lbs. 58 00-59 25; 190-205 lbs 53 00-57 00. Sows 425-600 lbs. 54 00-56 75; 300-400 lbs 51.00-53.00

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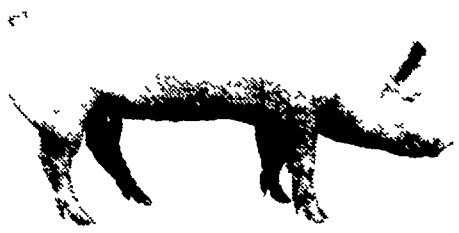

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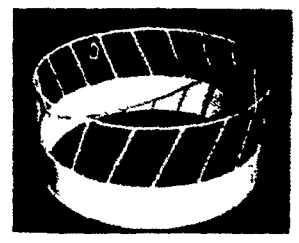

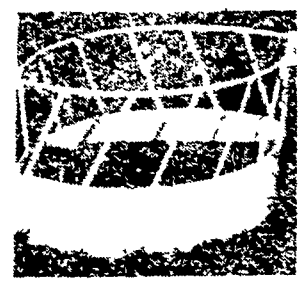

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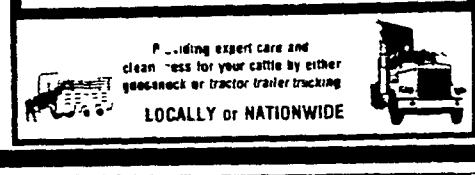
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SEE YOU AT THE BUCK!

Off the Sounding Board

By Sheila Miller, Editor

Who pays in the end?

A snow storm in June?

That has been the prediction recently by people who don't come under the title of weather forecasters.

What they're predicting isn't a flurry of white flakes from the sky but white, downy seeds floating through the air This phenomena, which has grown in magnitude over the past ten years, occurs when one of the most troublesome weeds confronting Pennsylvania's farmers bursts its reproductive pods

Canada thistle — long the scourge of cropfields — has cost farmers thousands upon thousands of "war" dollars each year as they battle to keep this noxious weed under control. But it seems these agricultural soldiers are experincing a set-back in this year's battle since the state's Department of Transportation has temporarily defected to the enemy's side.

What's happened to cause PennDOT to switch its allegiance from farmers to weeds? Gypsy moths

Not only are these winged invaders capturing most of the public press's attention, they're monopolizing every helicopter applicator's time The state's Department of Environmental Resouces has lined up all the available applicators for their spraying program, leaving none for PennDOT

What does PennDOT's lack of helicopter applicators have to do with Canada thistle control? According to PennDOT's Bob Ross, chief of Roadside Environmental Division of the Bureau of Maintenance, these whirlybirds have been the means used by the Department to launch an aerial attack on the noxious weeds since 1980

That was the year PennDOT realized it had to do something about the increasing Canada thistle infestation along its highways and began an "experimental" aerial control program — a first in the U S , said Ross

But this year the same helicopters that took care of the herbicide applications are busy spraying the winged woodland invaders — too busy to be bothered with the early-May application of Asulox to control the thistle.

So, the PennDOT control program has to be delayed for a year The alternative of land application is not feasible, said Ross, because of the added cost of dragging hoses along highway right-of-ways and around trees And, besides, it would be too late to spray the thistle effectively by the time the department's program could be switched from aerial application to land — too much red tape

But, Ross was optimistic that the previous two year spraying program had suppressed some of the thistles, and that the carryover would help to limit the spread this year

That's tough luck for farmers whose fields are adjacent to limited-access highways because even a reduced population of Canada thistle is a threat to crops

But, according to Ross, the Canada thistles found on PennDOT right-of-ways didn't originate there He claims the thistle took refuge on the uncultivated roadsides after traveling from infested farmland Proof of this he says, is the fact that no Canada thistle are found along woodland areas of the right-of-ways

Debating which area had Canada thistle first, the roadside or the cropfield, makes about as much sense as the chicken or the egg controversy The fact remains that soon these weeds will reach their reproductive prime and will be casting new troops to the wind Cropfields, pastures, lawns, roadsides — none are considered non-combat zones by the enemy

Since PennDOT's aerial applications have fallen through, what about cooperating with farmers in a spraying program and cost-sharing herbicide treatment in fields along highways? Last year the agency spent $787,000 on herbicides in their maintenance program Although some of these funds went for weed control other than Canada thistle, even half that amount would help pay for spraying thousands of cropland acres now while the thistle is still vulnerable

One thing farmers and PennDOT have in common is the recently signed Noxious Weed law This law provides for the Secretary of Agriculture, on his own motion or upon the request of any interested person, to hold public hearings to consider the designation of a weed control area

A spokesman for the Department of Agriculture noted regulations for the Noxious Weed law haven't been written and may take months to be finalized However, he stated "it's a good assumption" that when the regulations are completed, PennDOT will be required to comply with the state law

In the meantime, one local township in Lancaster County decided to do something about the state's responsibility to control Canada thistle Last Monday, the Manheim Township commissioners unanimously approved a resolution specifically requesting PennDOT to control the noxious weed along its limited access right-of-ways in the township

Lancaster County Commissioner James Huber announced a similar resolution is going to be discussed next Tuesday, although he noted the county has no weed ordinances to regulate the state He said controlling traditional weed problems falls on the shoulders of township and state governments

The old law of the "squeaking wheel gets the grease" should have some impact on PennDOT's next strategy in the thistle war Since they, along with farmers, will be forced to comply with the stringent weed control requirements of the Noxious Weed law, it's makes sense for PennDOT to chip in dollars to help keep the thistles from gaining a new stronghold

This year's new weed communities could be the source of next year's reinfestment Rather than tuning out the farmers' pleas for help, PennDOT needs to listen closely where the "squeaks" are coming from Any way they analyze it, they'll pay for the June snowstorm in the end

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717 394-6851

To Keep Livestock Comfortable

The hot weather season is here. When we have both high temperature and high humidity, livestock suffer similar to human beings. In the case of fattening animals that are nearing market finish, this stress can be very severe. I would suggest that maximum ventilation of the building be used. If you do not have fans, then open all doors and windows to get cross-ventilation.

In some cases, circulating fans may be used to move the air over the animals. Some hog finishing houses are equipped with water sprinklers or fogging devices, that keep the floor and hogs wet during peak hours of heat and humidity. Animals that are outside should have free access to shade and water. Attention to the comfort of animals will reduce stress and possibly some losses.

To Be Aware of Corn Insects

With an increased trend toward no-till corn planting or minimum tillage, we can expect more problems with corn insects. Past experience shows this. We urge corn growers to inspect your fields frequently to observe any feeding on small plants. We can have cutworms, stalk borers and armyworms at any time feeding on the corn plants. The cutworms and armyworms may be controlled with sprays of Sevin, Dylox and Diazinon.

The stalk borer is very difficult to control because they work inside the corn stalk. Flea Beetles are another insect that may feed on small corn leaves; they create small holes in the leaves but seldom do extensive damage. Sevin can be used to eliminate these small insects, if it is a serious infestation. Keep an eye on the corn field for the first several weeks and avoid serious insect injury.

To Check Weed Sprayers

The sprayer is a piece of equipment that is used quite heavily from spring till fall. Many complaints of poor chemical performance can be traced to poor sprayer performance. This is often due to poor calibration. Calibration simply means to apply a known amount of spray mixture to a known area.

There are several methods used to calibrate a sprayer. The simplest is to travel over a selected

(Turn to Page A12)

Farm Calendar

Saturday, May 22

Delaware Dairy Goat Association First Spring Show, Harrington Fairgrounds, continues tomorrow.

Greene County Sheep & Wool Field Day, 10 a.m.-4 p.m., fairgrounds at Waynesburg.

Sunday, May 23

Heart of Penn Goat Club management workshop and family picnic, 11 a.m.-5 p.m., Wolf's Crossroad Picnic Grove, Sunbury.

Monday, May 24

Pa. Dairy Fieldmen's Conference, Penn State.

Tuesday, May 25

Ephrata Area Adult Farmer manure storage and handling tour, 10 a.m.-3 p.m., meet at Ephrata Junior High School parking lot, no charge, no pre-registration

Wednesday, May 26

Pa. State Council of Farm Organizations legislative breakfast, 8-9:30 a.m., Villa Leo Restaurant, Exit 18A off I-83 or Exit 18 off Pa. Turnpike.

(Turn to Page A12)

"I'd like something that'll make these lousy weeds suffer before they die!"

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

JUSTICE AT LAST!
May 23, 1982

Background Scripture:
Revelation 18 through 20
Devotional Reading:
Romans 15:1-6

A man sat smiling broadly and nodding his head as his Sunday school teacher read from the Book of Revelation. At last, every eye in the class turned to him, he explained: "Wonderful! Wonderful! Wonderful! It makes life worthwhile for me to know that in the end, they'll get what's coming to them!"

In parts, at least, his reaction is understandable. For the Book of Revelation does assure us that ultimately the world will experience the judgement of God and the picture painted by John is awesome to say the least. But the smiling, nodding man missed the most important meanings of Revelation's message.

THE BEAST CAPTURED

For one thing, John's Revelation warns us that God's judgement will ultimately come to all of us. To look eagerly for Judgement Day so that our foes will get their comeuppance is a dangerous preoccupation. Everything and everyone will fall under God's judgement. True, John reminds us that the Judgement will include the "kings of the earth", whose wielders of seemingly unlimited temporal power. They will stand on no higher ground on the Day of

(Turn to Page A12)

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DANGER PARAQUAT is highly toxic if swallowed and should be kept out of the reach of children To prevent accidental ingestion, never transfer to food, drink or other containers Read the label carefully and follow all directions, danger statements and worker safety rules Restricted Use Pesticide Use all chemicals only as directed

Chevron

ORTHO PARAQUAT

T.O.P.S.

THE ORTHO PARAQUAT SOLUTION

Bible speaks

(Continued from Page A10)

Judgement just because they bear names such as Julius Caesar, Atilla the Hun, Napolean, Hitler, Stalin, etc. Those who in this world have a monopoly on the power of life and death will be judged by the Ruler of the Universe. And also "the merchants of the earth," the rich who seem able to buy just about everything, they too will stand in judgement, says John. What person of meager or even average means cannot derive some delight from this picture: "The merchants..., who gained wealth from her, will stand far off, in fear of her torment, weeping and mourning aloud..."? ("Her" means Babylon, a symbol of temporal power). Ah yes, they'll be judged by God.

But so will we! And when that judgement comes upon us, it will be our deeds, not our words that will indicate where we will stand in the Judgement. Just as Jesus noted that the Pharisees thought that the Judgement of God was for others, so Christians tend to forget none are judged with more expectation than the self-righteous. We are John's "beast" to be captured."

THE GREAT SUPPER OF GOD

There is a second image in John's Revelation. Not only will there be a great Judgement., but there will also be a great Redemption. "Come, gather for the great supper of God..." (19:17). First the Judgement, then the Redemption. The plan and purpose of God do not end with the righteousness of God's wrath, but with the healing power of his love. Thus the purpose of judgement is not retribution but redemption.

There are many times in our lives when, evil and injustice seems to prevail, and we need to be reminded that at the ultimate end we will experience justice. And beyond the justice there will be love.

Now is the Time

(Continued from Page A10)

area (about one-tenth acre) to determine the amount of water applied.

Measure off a strip that provides a known area. For example a 21¾ foot boom traveling over a 200 foot course provides one-tenth acre. One-tenth acre for a 28 foot boom is 154 feet. Next, fill the sprayer tank with clean water to a known level. Then travel over the course at a desired rate of speed. Make sure you are up to full speed by the time you turn the spray on at the beginning of the course. Measure the amount of water applied by placing the spray tank in the same position and refilling to the same level.

Most wettable powders and emulsions call for 15 to 30 gallons of water per acre for good coverage. This means you should have applied 1½ to 3 gallons on the one-tenth acre plot.

It's very important to thoroughly check your sprayer before mixing expensive chemicals and starting into the field.

To Control Weeds In New Alfalfa

Good weed control in alfalfa is essential for minimizing competition for light, moisture, and plant nutrients. The best times to control weeds in alfalfa stands is at time of establishment, and in the crop preceding alfalfa. Now is a good time to observe new seedings closely. Many of the small weeds you see emerging can be controlled with a post-emergence application of 2-4 DB or dinoseb (Premerge 3), when the weeds are quite small.

Weeds should be less than an inch tall when 2-4 DB is applied. It will not kill grasses, but is effective against most broadleaf weeds except wild radish. It is weak on smartweed. On the other hand, dinoseb will control wild radish as well as most other broadleaf weeds, but it will not control grasses and late germinating weeds. Dinoseb is applied after the alfalfa has two tri-foliate leaves, when the weeds are very small, and when air temperature is between 65° F and 85° F.

These weed killers may not be needed if you used a preplant-incorporated material. Be sure to read the label carefully and follow instructions.

Farm Calendar

(Continued from Page A10)

Friday, May 28

York Farmers Forum, 7 p.m., Rutter's Restaurant, Red Lion.

Saturday, May 29

York County dairy princess program, 4-H Center, near Bair.

High-tensil electric fence workshop, 10 a.m.-3 p.m., farm of Don & Carol Good, 2533 Bradenbaugh Rd., White Hall, Md.

Bradford County Dairy Festival, Towanda, parade at 11 a.m., milking contest at 1 p.m., dairy princess pageant at 8:15 p.m. at Middle School Auditorium.

Livestock market and auction news

Dewart Livestock Auction

Dewart, Pa.
Monday, May 17
Report supplied by Auction

CATTLE 266: Compared with last Monday's market, slaughter steers steady to 1.00 lower. Slaughter cows strong to 1.50 higher. Choice No. 2-4 950-1230 lbs. slaughter steers 69.00-72.10, one at 76.00, Good 61.00-68.50, Standard 53.00-58.50. Choice slaughter heifers 65.00-71.00, Good 55.00-59.25. Utility & Commercial slaughter cows 44.50-49.50, couple 50.85, Cutters 41.00-45.00, Canner & Low Cutter 38.00-41.50, Shells down to 26.75. Few Good slaughter bullocks 57.25-61.00. Yield Grade #1 1100-2075 lbs. slaughter bulls 48.75-57.75, one at 60.10. Few Medium Frame #1 350-500 lbs. feeder steers 65.00-68.50; few Medium Frame #1 400-650 lbs. feeder heifers 47.00-54.00.

CALVES 194: One Prime vealer at 112.00, few Choice 87.00-109.00, few Good 80.00-91.00, Standard & Good 70-105 lbs. 69.00-77.00. Farm calves, hosltein bulls 90-125 lbs. 75.00-100.00; holstein heifers 80-130 lbs. 74.00-100.00.

HOGS 328: Barrows & gilts 2.25-2.75 higher. US No. 1-2 210-240 lbs. barrows & gilts 61.50-62.00, one lot 62.35, No. 1-3 210-250 lbs. 60.00-61.60, few lots 250-290 lbs. 56.50-59.10. US No. 1-3 300-500 lbs. sows 50.00-55.25. Few Boars 48.00-56.25.

FEEDER PIGS 112: US No. 1-3 20-45 lbs. feeder pigs 33.00-46.00 per head.

SHEEP: 21. Few Choice 80-90 lbs. spring slaughter lambs 77.00-89.00, few Good 70-90 lbs. 60.00-75.00. Few Slaughter ewes 23.00-27.50.

Peoria Cattle

Thursday, May 20
Report supplied by USDA

Compared to last week Slaughter Steers closed 1.50-3.00 higher. Heifers 1.00-2.00 higher. Cows 1.00-3.00 higher. Bulls 1.00-2.00 higher. Trade during the week slow to moderate. Demand Good at midweek with Choice Steers and Heifers in excess of 1150 lbs. and 1000 lbs. respectively most sought after. This is the fifth consecutive week of the upward climbing prices and are the highest local prices paid since 1979. Receipts this week about 2500 as compared to 2168 last week and 2449 last year.

SLAUGHTER STEERS: Choice. Including few Prime 2-4 1000-1300 lbs. 71.00-74.00, mostly 73.00-74.00 late on Steers weighing over 1100 lbs. part load 1325 lbs. 75.00. Good and Choice 2-3 925-1150 lbs. 68.50-73.00 largely 71.00-73.00. Package 1275 lbs. 72.00. Good 66.00-71.00. Holsteins Good and Choice 1-3 1050-1200 lbs. 61.50-64.00. Standard 55.00-57.00.

SLAUGHTER HEIFERS: Choice. Including Prime 2-4 950-1125 lbs. 70.00-73.50, mostly 72.00-73.50 at midweek on consignments in excess of 1000 lbs. 850-950 lbs. 68.00-70.50. Good and Choice 2-3 950-1100 lbs. 70.00-71.00. 850-950 lbs. 67.00-70.00. Good 64.00-69.00.

COWS: Utility, few Commercial 1-3 closing sales 44.00-46.00, few including Heiferettes 47.00-48.00. Cutter 42.00-45.00. Canner and Low Cutter 37.00-42.00.

BULLS: YG 1-2 1400-2300 lbs. 48.00-54.00. 1000-1500 lbs. 45.00-48.00.

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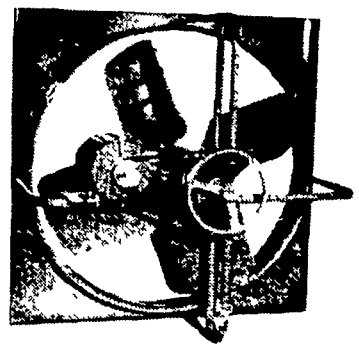

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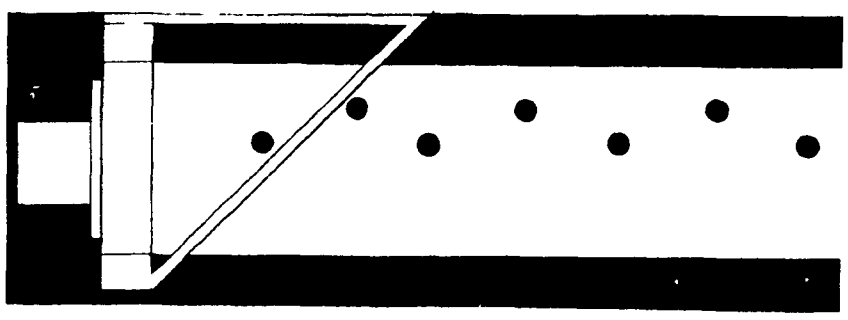

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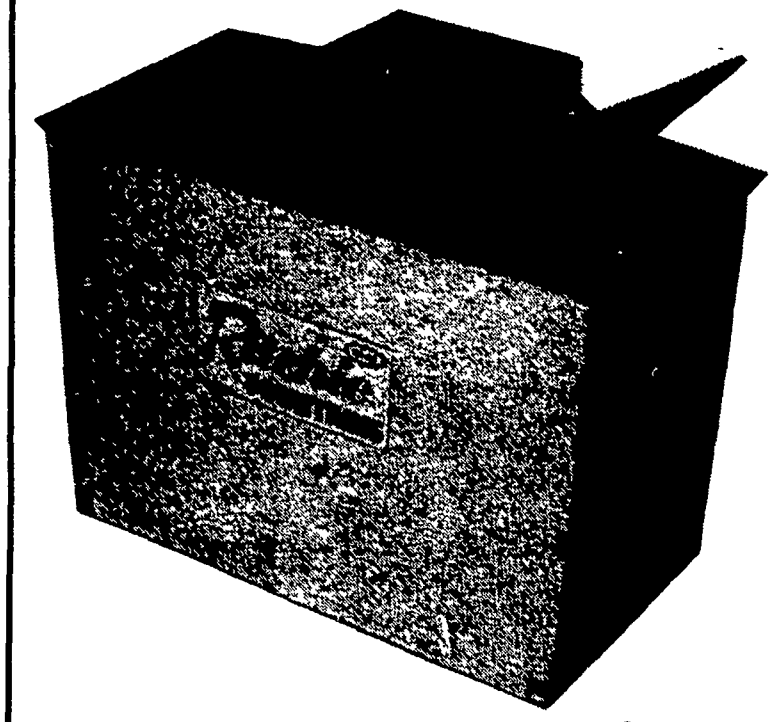

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Livestock market and auction news

Oklahoma Cattle

Thursday, May 20
Report supplied by USDA

Estimated Receipts	2500
Same Day Last Week	840

Trade moderate at best in clean-up type trade. Feeder cattle and calves 1.00-1.50 lower with some sales 2.00 lower on heifers than Wednesday's early sales or steady with Wednesday's evening sales. Majority receipts Medium and Large Frame Mixed 1-2 500-800 lbs. feeder steers and heifers.

FEEDER STEERS: Medium few Large Frame 1 package 350 lbs. 72.00; 530 lbs. 69.25; 690-800 lbs. 64.50-67.50; 800-925 lbs. 63.80-65.40. Medium and Large Frame Mixed 1-2 Few 440-475 lbs. 65.75-69.50; 500-600 lbs. 63.75-66.40; 700-800 lbs. 62.00-64.25; package 880 lbs. 62.90. Medium and Large Frame 2 470-480 lbs. 63.00-64.50; 500-600 lbs. 60.00-62.50; 600-700 lbs. 60.00-63.50; package 741 lbs. 59.40. Large Frame No. 2 Holsteins: 695-800 lbs. 57.50-58.20.

FEEDER HEIFERS: Medium few Large Frame 1 580-700 lbs. 59.50-60.70; few 700-775 lbs. 59.25-60.30, lot 766 lbs. 62.50. Medium and Large Frame Mixed 1-2 450-500 lbs. 58.50-59.10; 500-600 lbs. 54.25-57.30; 600-700 lbs. 55.80-57.25; 700-800 lbs. 55.75-58.60.

FOR THE WEEK: Compared to last week feeder steers closed steady to 50 cents higher; heifers generally steady. Slaughter cows were 1.00-2.00 higher with some sales 2.50 higher than last week. Late sales Utility and Commercial 2-3 sold from 43.75-45.75; Cutters 1-2 40.00-43.10, package holsteins 43.90; Canners and low Cutters 34.00-39.75. Bulls were steady to 1.00 higher with early sales YG 1 1175-1500 lbs. 49.25-52.80, three head 1513 lbs. topped at 55.00 Tuesday. Salable receipts this week near 16,800 cattle compared with 20,385 last week and 19,296 head last year. Majority receipts or 93 percent of supply consisted of feeder cattle and calves; cows and bulls made up 7 percent of available supply.

Omaha Cattle

Thursday, May 20
Report supplied by USDA

Weekly 51 - Cattle - Through midweek Slaughter Steers 1.50-2.00 higher, with full advance on mostly Choice, 1150 lbs. an up. Slaughter Heifers 1.75-2.25 higher, full advance on 975 lbs. and up. Fed Cattle prices urged upwards for the seventh consecutive week, setting the highest Steer top since August 1980 and the highest Heifer top since May 1979.

Demand by most buying interests countinued strong, with many purchasing cattle for immediate slaughter. Best interest focused on heavier weight, Choice Steers and Heifers; while some pressure noted on Steers under 1050 lbs. and Heifers under 925 lbs. Overall finish again very ordinary, with many cattle being sold having less than a normal feeding period. Cows 1.00-1.50 higher. Bulls .50-1.00 higher. Steers made up 50 pct of the week's receipts; Heifers 33 pct; Cows 9 pct; Feeders 6 pct. Four Day Receipts 11828, Last Week 12150 a Year Ago 11524.

STEERS: At the close, load Choice 2-3 1300 lbs. 77.00. Load same grade 1105 lbs. 66.50. Choice 2-4 1100-1275 lbs. 74.50-75.75. Mixed Good and Choice 2-3 1050-1200 lbs. 72.50-74.50. Good 70.00-72.50. Mixed Good and Choice 2-3 1200-1375 lbs. Holsteins 65.00-66.50.

HEIFERS: Load Choice some Prime mostly 3 1020 lbs. 74.50; Choice 2-4 950-1075 lbs. 72 50-74.00. Mixed Good and Choice 2-3 900-1025 lbs. 69.50-72.00. Good 65.00-69.50.

Average of LS 214 detailed quotations for Choice 900-1100 lbs. Steers 73.30; 1100-1300 lbs. 75.18. Average cost Steers 73.10, average weight 1143 lbs., as compared 72.90 and 1136 a week ago. Average cost Heifers 70.75, average weight 990 lbs. as compared 69.61 and 1005 lbs. a week ago.

COWS: High Cutter, Utility and Commercial 1-3 43.00-45.00, high dressing to 46.00. Cutter 39.50-42.50. Canner and low Cutter 36.00-39.50.

BULLS: 1-2 1100-1900 lbs. 49.00-53.00, high dressing to 55.00.

Lancaster Feeder Cattle

Friday, May 14
Report supplied by USDA

Today	882
Last Friday	218
Last Year	454

TREND: The first significant supply in several weeks sold to an active, aggressive bidding audience. Supply included 544 in graded sale sold in lots of 10 or more, few other lots of 5-12 with balance in lots of three or less.

FEEDER STEERS: Medium Frame 1 Few lots 535-600 lbs 72.00-73.75; one lot 755 lbs. 67 50 and couple lots fleshy 640-680 lbs. 65.00-66 00. Large Frame 1 Couple lots 715-740 lbs. 70.75-71.50, one lot 735 lbs 68.00. Medium and Large Frame 1: One lot 785 lbs 71.00 and one lot 990 lbs 70.00. Small and Medium Frame 1: One lot 435 lbs 73.25 and one lot 565 lbs. 64.25 Medium Frame 1-2: Couple lots 525-590 lbs. 71.50-73.00 and one lot 560 lbs. 67.50. Large Frame 1-2: One lot 544 lbs 73.00; couple lots 585-600 lbs. 65.50-69.25. Medium Frame 2: One lot 650 lbs. 54.75 Large Frame 2 (Holsteins): One lot 553 lbs. 51.75; couple lots 765-880 lbs. 54.60-55.35.

FEEDER HEIFERS. Medium Frame 1: One lot 450 lbs. 57.00; one lot 650 lbs. 56.60. Large Frame 1: Several lots 580-650 lbs. 56.50-50.75 Medium and Large Frame 1: Few lots 505-565 lbs. 56.25-57.25. Medium Frame 1-2: One lot 520 lbs. 51 75; one lot mostly #2 365 lbs. 50.00 Large Frame 1-2. Around 80 head 415-560 lbs. 52.60-55.10.

FEEDER BULLS: Large Frame 2: One lot 565 lbs. Holsteins 53.75.

Westminster Livestock Auction

Westminster, Md.
Tuesday, May 11
Report supplied by auction

BUTCHER COWS: $1.50 to $2 Higher! Standard & Utility 42.00-46.75; Canners 40.00-42.00; Shelly 40.00 Down. Bulls 2 Hd. 1670-1685 lbs. 59.50 & 61.00; Good 55 25, Steers Choice 1380 lbs at 72.75, Good Holsteins 54.00-57 00; Heifers Commercial 49.00-55 00.

BUTCHER HOGS $2 higher! US #1&3 215-240 lbs one lot to 57 60, 240-260 lbs one lot to 55 75; 195-210 lbs. 55.25-56 25, Sows few 400-500 lbs. 57 00; 300-400 lbs. 49 00-52 00, Boars 250-500 lbs. 47 50-49 00

VEAL CALVES: Good demand on all classes Good 75.00-82.00, Standard 65 00-75 00, Killers 80-100 lbs. 60.00-66.00, Weak & Rough 59.00 Down.

CALVES RETURNED TO FARM: Hol. Bulls 95-125 lbs 75 00-89.00; 90-100 lbs. 70.00-80.00 Beef Type Good selection! 80-130 lbs. 70.00-89 00

LAMBS: 2 35 lbs. at 100 00, Sheep 15.00-22.00

STOCK CATTLE: $2 higher on Good & Choice. Steers 300-600 lbs. 68.00-75.00; One at 80.00; Good 60 00-68.00. Heifers Choice 300-600 lbs. 50.00-55.00; Good 47.00-50.00. Bulls Few 500-700 lbs. 48.00-68.00.

PIGS AND SHOATS: Steady to $2 lower. By the Head 15-30 lbs 22.00-33.00, 30-60 lbs. 34.00-43.00, one lot 80 lbs. at 57.00; By the Lb. Few 90-160 lbs. 50.00-53 00; Stock Boars 150-210 lbs. 46.00-48.00

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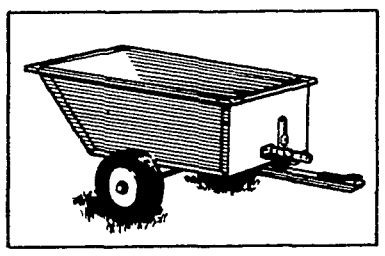

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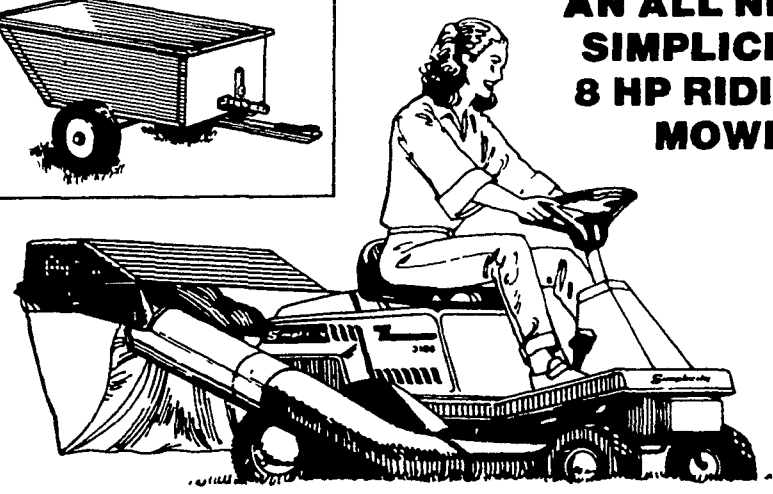

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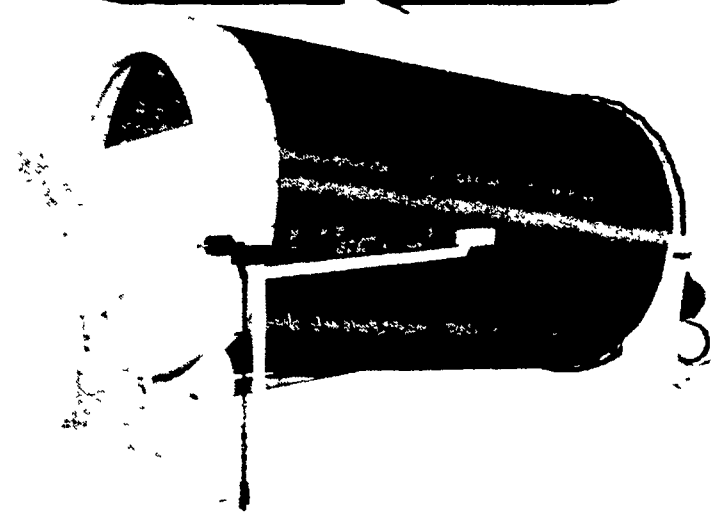

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Livestock market and auction news

St. Louis Cattle

Wednesday, May 19
Report supplied by USDA

Receipts this week: 5,300
Week Ago: 5,300
Year Ago: 3,800

Compared last week, slaughter steers mostly 1.00 higher. Slaughter heifers .50-1.00 higher. Demand good for both slaughter classes on Monday, apparently the result of additional price upturns in wholesale carcass prices. However, demand lightened somewhat in live trading after Monday. Cows 1.00-2.00 higher. Bulls steady. Slaughter supply about 60% steers, near 30% heifers and 10% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1250 lbs. 72.00-73.00, shipment 83 head 1360 lbs. 73.50 on Monday. Choice 2-4 1000-1300 lbs. 70.00-72.00. Mixed Good and Choice 2-3 900-1100 lbs. 68.00-70.00. Good 2-3 900-1150 lbs. 66.00-69.00. Good and Choice 2-3 1000-1400 lbs. holsteins 63.00-65.00, few lots Good 1100-1250 lbs. 60.00-61.50.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 950-1050 lbs. 69.50-70.50, part load and small lot about 1000 lbs. 71.00 on Monday. Choice 2-4 850-1000 lbs. 68.00-69.50, mostly 68.00-69.00 on Tuesday, with few lots down to 67.25 at mid-week. Mixed Good and Choice 2-3 750-590 lbs. 65.00-68.00. Good 2-3 750-900 lbs. 62.00-65.00.

COWS: Late: Utility and Commercial 2-4 41.00-46.00. Boning Utility 46.00-48.00. Cutter 1-2 40.00-44.00. Canner and Low Cutter 1-2 35.00-40.00.

BULLS: Yield Grade L-1 1050-1500 lbs. 48.00-53.00, few Yield Grade 1 1300-1730 lbs. 53.25-54.00.

FEEDERS: (Including around 1,400 at the regular Thursday auction.) Feeder steers and heifers firm to 2.00 higher. Demand good for bulk of moderate supply. Receipts mainly Medium Frame 1 and Mixed 1-2 400-800 lbs. steers and 400-700 lbs. heifers.

STEERS: Medium Frame 1: 300-500 lbs. 71.00-74.25; 500-600 lbs. 69.00-72.50; 600-700 lbs. 65.00-69.00; 700-800 lbs. 64.50-67.00; few lots 825-925 lbs. 64.00-65.00. Medium Frame 1-2 and some Small Frame 1: 350-500 lbs. 65.00-70.50, mostly 66.00-69.50; 500-700 lbs. 62.00-67.25, bulk 63.00-65.50; lot 800 lbs. 62.50. Large Frame 2 Holsteins: Couple lots 525-550 lbs. 59.00-59.25; lot 1105 lbs. 54.25.

FEEDER HEIFERS: Medium Frame 1: 300-500 lbs. 60.00-64.25; 500-600 lbs. 59.00-63.25; 600-700 lbs. 58.25-61.00. Medium Frame 1-2. 300-475 lbs. 56.50-59.50; 500-760 lbs. 54.25-57.75.

STOCK COWS: Lot Small Frame 2 670 lbs. middle-aged 39.75.

Joliet Cattle

Thursday, May 20
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 2,550; 5 days last week 2,487; same period a year ago 4,093. Trading moderately active for the week. Slaughter Steers ended the week 1.00 to 2.00 higher compared with Wednesday of last week. Slaughter Heifers ended the week 1.00 to 1.50, instances 2.00 higher. Cows closed the week steady to firm.

SLAUGHTER STEERS: Mixed Choice and Prime 3-4 1150-1300 lbs. 74.00 to mostly 74.50 Monday; 75.50, 3 loads 76.00 Wednesday. Choice 2-4 1050-1300 lbs. 73.00-74.00 Monday; 73.00-75.00; mostly 73.50-75.00 Wednesday. Mixed Good and Choice 2-3 950-1300 lbs. 71.50-73.00 Monday; 72.00-73.00 Wednesday; package Mixed Good and Choice 2 1450 lbs. Holsteins 64.50 Wednesday.

SLAUGHTER HEIFERS: choice with a few Prime 2-4 950-1050 lbs. 73.00, load 73.25 Wednesday. Choice 2-4 900-1050 lbs. 70.50-71.50 Monday; 71.00-73.00, mostly 71.50-73.00 Wednesday. Mixed Good and Choice 2-3 800-1000 lbs. 69.00-70.50 Monday, 69.00-71.00 Wednesday.

SLAUGHTER COWS: Cutter & Utility 1-3 40.00-44.00. Canner 32.00-39.00.

G&M Livestock

Monday, May 17
Duncansville, Pa.
Report supplied by auction

Compared to last week, cows-higher, hogs-higher, steers-higher.

STEERS: High Choice and Prime 70.00-75.10; Good to Choice 64.00-70.00; Standard to Good 60.00-64.00; Utility 53.00-60.00.

HEIFERS: High Choice and Prime 64.00-70.00; Good to Choice 60.00-64.00; Standard 54.00-60.00; Utility 48.00-54.00.

FEEDERSTEERS: Good to Choice 300-600 lbs. 55.00-66.50; Standard to Good 300-600 lbs. 48.00-55.00. Heifers: 300-600 lbs. 52.00-62.50.

BULLS: 1200-2250 lbs. 53.00-60.10; 900-1200 lbs. 48.00-53.00.

COWS: High Choice to Prime 50.00-54.00, Couple to 56.00. Good 46.00-50.00; Standard 44.00-46.00; Utility 40.00-44.00; Cutters 38.00-40.00; Canners Down to 36.00.

CALVES: High Choice 85.00-99.00; Good to Choice 70.00-85.00; Standard to Good 50.00-70.00; Utility Down to 30.00.

FARM CALVES. Hol. Bulls 90.00-104.50; Hol. Heifers 90.00-117.50.

FEEDER PIGS: 25-35 lbs. 25.00-35.00; 35-50 lbs. 35.00-49.00.

HOGS: 200-240 lbs. 59.00-66.10; 170-300 lbs. 57.00-59.00.

SOWS: 45.00-57.50.

BOARS: 43.00-46.50.

LAMBS: 65.00-88.00.

SHEEP: 15.00-38.00.

GOATS: 15.00-32.00.

Belleville Auction

Belleville, Pa.
Wednesday, May 19
Report supplied by PDA

CATTLE 102. Compared with last Wednesday's market, slaughter cows steady to 75 cents higher. Individual Good slaughter heifer at 60.00, one Standard 56.85. Utility and Commercial slaughter cows 44.75-49.75, couple 51, Cutters 41-44.50, Canner and Low Cutters 38.75-41, Shells down to 35. Few Utility slaughter bullocks 40.25-48.10. Yield Grade #1, 810-2310 lbs. slaughter bulls 47.50-54.75.

CALVES 130. Few Good and Choice vealers 80.00-92.00, Standard and Good 70-100 lbs. 63.00-72. Farm Calves: Holstein Bulls 90-125 lbs. 72.00-116, mostly 100.00-107; Holstein Heifers 80-110 lbs. 65.00-100.00.

HOGS 171. Barrows and gilts uneven, 50 cents lower to $1.50 higher. One Large Lot US No. 1-2 245 lbs. barrows and gilts at 62.50, No. 1-3 210-240 lbs. 59-60.25, No. 2-3 220-275 lbs. 56.85-58, lot No. 1-3 180 lbs. at 57.00. US No. 1-3 285-625 lbs. sows 49.25-55.25. Boars 39-49.25.

FEEDER PIGS 200. US no. 1-3 20-35 lbs. feeder pigs 37.50-49 per head, No. 1-3 40-60 lbs. 51-70.50 per head.

SHEEP 33. Few Choice 65-75 lbs. spring slaughter lambs 75.00-78. Slaughter ewes 15.00-40.00. HOLSTEIN DAIRY COWS $550-$1450 PER HEAD, MOSTLY $700-950.

Leesport Auction

Leesport, Pa.
Wednesday, May 19
Report supplied by PDA

CATTLE 369: Compared with last Wednesday's market, slaughter steers strong to $2 higher, instances $3 higher. Slaughter cows grading High Cutter & Utility $1 to $1.25 higher, Canner & Low Cutter steady to .50 lower. Slaughter bulls 1.50-2.00 lower. One high Choice 1320 lbs. slaughter steer at 77.10, few Choice 1035-1250 lbs. 69.00-74.00, Good & Choice holsteins 1250-1360 lbs. 64.00-66.50, Good 63.50-70.50, Standard 58.00-62.85, few Utility & Low Standard 49.75-54.50. One Choice slaughter heifer at 69.00, few Good 57.75-62.00, few Standard 53.00-56.00, few Utility 42.50-44.85. Utility & Commercial slaughter cows 46.00-49.10, few to 50.00, Cutters 43.00-46.25, Canner & Low Cutter 39.50-43.25, Shells down to 37.00. Good & Choice slaughter bullocks 56.25-61.50, few to 65.00, Standard 53.60-56.50, few Utility 48.75-51.00. Yield grade #1 1200-1800 lbs. slaughter bulls 52.00-55.85, few to 57.25. Few Large Frame #1 300-640 lbs. feeder steers 67.00-73.00, few Large Frame #2 550-650 lbs. 55.00-60.00, few Medium Frame #2 335-570 lbs. 59.00-67.50, one lot 745 lbs. at 46.75; one lot Large Frame #1 575 lbs. feeder heifers at 65.00, Large Frame #2 one lot 335 lbs. at 62.00, 570-800 lbs. 43.50-55.00, mostly 48.00-49.50, few Medium Frame #1 300-525 lbs. 46.00-52.00· few Large Frame #1 400-600 lbs. feeder bulls 67.00-70.00, Large Frame #2 350-800 lbs. 46.50-53.00, few Medium Frame #1 300-530 lbs. 53.00-59.00, few Medium Frame #2 600-650 lbs. 43.00-43.50.

CALVES 123: Few Choice vealers 94.00-108.00, Good 77.50-92.00, few Standard & Good 85-115 lbs. 65.00-70.00, few 75-85 lbs. 62.00-66.00, few Utility 50-120 lbs. 50.00-60.00. Farm calves, holstein bulls 90-130 lbs. 68.00-109.00, mostly 95.00-105.00; few holstein heifers 80-130 lbs. 78.00-100.00, few beef cross bulls & heifers 85-120 lbs. 77.00-113.00.

HOGS 386: Barrows & gilts weak to 1.00 lower. US No. 1-2 205-240 lbs. barrows & gilts 60.85-62.10, one lot 63.25, No. 1-3 190-250 lbs. 59.00-61.00, No. 2-3 210-275 lbs. 55.35-58.50, one lot 53.00. Sows steady to weak. US No. 1-3 325-660 lbs. sows 52.00-54.00. Boars 42.50-45.50, few light weights 45.00-47.00.

FEEDER PIGS 128: Few US No. 1-3 20-30 lbs. feeder pigs 128.00-135.00 cwt., 35-55 lbs. 120.00-126.00, few down to 112.00 cwt.

SHEEP 165: Choice 25-50 lbs. spring slaughter lambs 73.00-80.00, few to 100.00, 50-105 lbs. 70.00-75.00, Good & Choice 25-55 lbs. 63.00-71.00, few Utility 20-30 lbs. 56.00-61.00. Slaughter ewes 16.00-32.00, one lot 50.00.

GOATS 33: Few Large Adult goats 27.00-38.00, one at 48.00 per head, few small Adult goats 15.00-20.00, Large kids 25.00-28.50, few small kids 12.00-20.00.

Westminster Livestock Auction

Westminster, Md.
Tuesday, May 18
Report supplied by auction

BUTCHER COWS: Steady to .50 higher. High Yield 48.00-49.50; Standard & Utility 43.00-46.00; Canners 40.00-43.00; Shelly 40.00 Down. Bulls Good 1200-1800 lbs. 51.00-54.75; Medium 1000-1300 lbs. 44.00-50.00; Steers Low Choice 66.00-68.50; Good 62.00-66.00; Standard 58.00-61.00. Heifers Choice 65.00-69.00, Good 57.00-65.00.

BUTCHER HOGS: $2.50 higher. US #1&3 215-240 lbs. 59.25-60.25; #2&3 240-260 lbs. one lot to 54.75. Sows 475-600 lbs. 54.00-55.00; 350-475 lbs. 48.00-53.00.

VEAL CALVES: Lightweights $3 higher. Good & Choice 85.00-99.50; Standard 70.00-85.00; Stocky & Thin 35.00-60.00; Killers 80-100 lbs. 62.00-70.00; Weak & Rough 60.00 Down.

CALVES RETURNED TO FARM: $10 to $20 over last week. Holstein Heifers one 110 lb. at 75.00; Holstein Bulls 95-125 lbs. 87.00-113.00; Mainly 94.00-109.00; Beef Type Few to 85.00.

STOCK CATTLE: Limited supply, no Choice offered. Steers Good 300-600 lbs. 58.00-64.00; Medium 55.00-60.00; Few Holsteins 700-900 lbs. 47.50-52.00. Heifers Good 300-750 lbs. 48.00-51.00; Medium 43.00-48.00. Bulls Good 300-500 lbs. 52.00-60.00; 2 at 250 lbs. to 76; 700-800 lbs. 47.00-51.00.

PIGS AND SHOATS: $5 higher! By the Head 15-30 lbs. 24.00-45.00; 30-60 lbs. 39.00-53.00; By the Lb. Few 130-180 lbs. 49.00-51.50; Stock Boars 45.00-48.00.

LAMBS: Special Sale Good run, Choice 95-125 lbs. 72.00-74.50; Good & Choice 75-90 lbs. 55.00-69.00; Few 25-60 lbs. 64.00-90.00; Sheep 15.00-27.00, mainly 18.00-21.00.

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Livestock market and auction news

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, May 17
Report supplied by auction

Reported receipts of 146 calves, 121 cows, 33 bulls, 44 heifers, 24 steers, 55 hogs, 12 lambs, 12 sheep. Cattle market real active; Calf market higher.

Holstein Hfr. Calves to 100.00, Veal Calves to 92.00; Bobs. 90-110 lbs. 80.00-109.00, Bobs, 80 and down lbs 65 00-75.00; Grassers & Feeders 41.00-69.00, Lambs 50-60 lbs. spring lambs to 90.00; Sheep 12.00-35.00; Hogs, 200-250 lbs. 52 00-59.50; Sows 44.00-50.00; Boars 40.00-42.00; Pigs 21 00-35.50; Heifers 42.00-53 25; Steers, Medium 51.00-53.75; Steers, feeder 42.00-59.00; Bulls 42.50-54.50; Cows, utility 44.00-47.25; Cows, fat 42.00-46.00; Cows, medium 38.00-40.00; Cows, poor or small 34.00-37.00; Horses small to 240 00, Ponies to 120.00; Goats 8.00-55 00

Belknap Auction

Dayton, Pa.
Wednesday, May 12
Report supplied by PDA

CATTLE 120. Compared with last Wednesday's market, slaughter cows mostly $1 higher. Couple Choice slaughter steers 68.50 and 69.75, few Good 60.00-65.00, one at 67.75, few Utility 45.00-52.00. One Choice slaughter heifer at 62.75, one Good at 59.75, one Standard at 54.00. Utility & Commercial slaughter cows 42.00-45.25, few to 46.75-48.50, Cutters 39 50-42.75, Canner & Low Cutter 34 50-39.50, Shells down to 29.75. Few Yield Grade #1 and 2 1265-2025 lbs slaughter bulls 49.00-54.00 Few Medium Frame #1 315-650 lbs feeder steers 55 00-58.00; Medium & Large Frame #1 380-640 lbs. feeder heifers 42.00-50.00, few holsteins 330-685 lbs 45.00-69 00; few Medium & Large Frame #1 400-510 lbs feeder bulls 48.00-55.00

CALVES 88 Few Choice vealers at 85 00, few Good 72.00-78.00, few Standard 64.00-70 00, Standard & Good 90-125 lbs 63.00-75.00, 65-85 lbs. 59 00-65.00. Farm calves, holstein bulls 90-125 lbs. 70 00-90 00, few 100.00-110.00, holstein heifers 85-125 lbs. 85.00-100 00; beef cross bulls & heifers 50-130 lbs. 71 00-80 00.

HOGS 294 Barrows & gilts $1 higher US No. 1-2 215-240 lbs. barrows & gilts 59.75-60.25, one lot 61.00, No 1-2 200-250 lbs. 58 00-60.00, No 2-3 200-295 lbs. 55.00-58.00, No 1-3 145-195 lbs. 50.00-57.00 Sows $1 higher. US No. 1-3 270-685 lbs. sows 52.00-58.25. Boars 40.00-45.00.

FEEDER PIGS 64 US No. 1-3 25-40 lbs. feeder pigs 32 00-50.00 per head, one lot 60 lbs. 54.00 per head.

SHEEP 41. Choice 75-95 lbs. spring slaughter lambs 74.00-76.00. Slaughter ewes 10.00-20.00.

Weekly Summary

Friday, May 21
Report supplied by PDA

CATTLE: 7488. Compared with 8570 head last week, and 7181 head a year ago. Compared with last week's market: Slaughter steers uneven, mostly steady to 1 00 higher; Sl. heifers mostly 1 00-2 00 higher; Sl cows mostly .50-1 00 higher; Sl bullocks unevenly steady; Sl. bulls steady to 3 00 higher. Sl. steers: High Choice & Prime No. 3-4, 73.50-79.25; Choice No. 2-4, 69.00-75 50, few to 76.25; Good 61.00-69.00; Standard 56 00-63 00. Sl. heifers Choice 65 00-73 00; Good 58.00-64.50; Standard 50.00-58.00. Sl. cows: Utility & Commercial 46 00-50.00, few down to 44 50; Cutters 41 00-47 00, Canner & L. Cutter 38.00-45.00, Shells down to 30.00. Sl. bullocks Choice 59.00-63.75; Good 55.00-59.00; Standard 50 00-56.50. Sl bulls: Yield Grade No. 1, 1000-2250 lbs. 53.00-59.00; Yield Grade No 2, 900-1500 lbs 45.00-54.00

FEEDER CATTLE: Steers, Medium Frame No. 1, 300-800 lbs 59.00-68.50. Heifers, Medium Frame No. 1, 300-700 lbs. 44.00-54.00; Medium Frame No 2, 300-500 lbs 37.00-47.00. Bulls, Medium Frame No. 1, 300-700 lbs. 48.00-59 00

CALVES: 3145. Compared with 3192 head last week and 2723 head a year ago. Vealers steady to 5.00 higher. Few Prime 100.00-136.00; Choice 90.00-110.00; Good 80.00-92.00; 110-130 lbs. 70.00-85.00; 90-110 lbs. 65.00-75.00; 65-90 lbs. 55.00-68.00; few Utility 50-100 lbs. 50.00-64.00.

FARM CALVES: Hol Bulls 80-130 lbs. 65.00-116 00, mostly 75.00-109.00; Hol. Heifers 80-140 lbs. 60.00-130.50, mostly 65.00-100.00.

HOGS: 7708. Compared with 8134 head last week and 6344 head a year ago Barrows and gilts steady to 1 00 higher US No 1-2 200-245 lbs 61 00-62 10, few to 63 00, No 1-3 200-250 lbs 59 00-61.00, No 2-3 200-275 lbs 56 75-58 50, few to 60 25, few No. 1-3 140-190 lbs. 50 00-55 60, Sows steady to strong, spots 2.00 higher US No 1-3 300-650 lbs 50 00-58 50, No 2-3 300-700 lbs 45 00-53.50 Boars 40.00-50 00

FEEDER PIGS 942 Compared with 922 head last week and 1131 a year ago. Feeder pigs steady to 3.00 lower US No 1-3 20-35 lbs 25 00-45 00 per head, No 1-3 35-50 lbs. 35.00-52.00; No 1-3 50-75 lbs 45.00-70.50 per head

GRADED FEEDER PIGS 1659 Compared with 3300 head last week and 3540 head a year ago All sales by CWT. Feeder Pigs 5.00-11 00 higher, spots 20.00 higher US No. 1-2 30-40 lbs. 140.00-161.00, 40-50 lbs. 132.00-150.00, 50-60 lbs 113.00-136.00, 60-95 lbs. 90.50-104.00; US No. 2-3 20-40 lbs. 136 00-170 00, 40-55 lbs. 105 00-134.00.

SHEEP· 1074. Compared with 950 head last week and 644 head a year ago. Weak to 5.00 lower, spots 10.00 lower. Spring sl lambs Choice 20-50 lbs.73.00-87.50; Choice 50-105 lbs. 64.00-78.00, few to 89 00; Good 40-90 lbs. 50.00-70.00. Sl ewes: 12.00-32.00.

Lancaster Weekly

(Continued from Page A2)

Choice 2-3 950-1150 lbs. 65.00-70 75, few Choice Grade 2 71.00-73.00; Good 2-3 875-1100 lbs 60 00-66 75, few Good 950-1150 lbs heiferettes 57 00-61 50, Standard 1-2 49 00-55 00

COWS Utility and Commercial 1-3 46 50-50 00, several 50 25-52 50, few 52 50-53 75, Cutter 1-2 44 50-58 50, few 49 00-51 00, Canner and low Cutter 41 00-45 00

BULLOCKS Choice 1050-1450 lbs 58 50-63 75, couple 64 00-66 00, Good 1000-1350 lbs 53 50-58 50

BULLS Yield Grade 1 1300-2000 lbs 53 00-57 50, few 57 50-60 50, 12 head 1750-2300 lbs 60 00-66 25, Yield Grade 2 1000-1450 lbs 50 00-54 00

VEAL CALVES Vealers fully steady, although very few Choice and Prime on offer after Monday Demand good for holstein bulls returned to farm.

VEALERS: Couple lots Prime special fed 300-340 lbs 135 00-136.00, few 150-230 lbs 95.00-110 00, couple 110 00-115 00; high Good and low Choice 150-300 lbs. 75.00-95 00, few 95.00-100.00, 120-150 lbs 72 00-80.00, 80-115 lbs. 64 00-73 00, few 65-80 lbs. 50.00-65.00.

SLAUGHTER CALVES Several Good and Choice 230-320 lbs 65 00-75.00

RETURNED TO FARM. Bulk 90-120 lbs. holstein heifers 115 00-119.00, few 80-85 lbs. 90 00-100.00, bulk 95-115 lbs. holstein bulls 90 00-110.00, several 110.00-116.00, several 80-90 lbs. 75.00-90 00

(Turn to Page A29)

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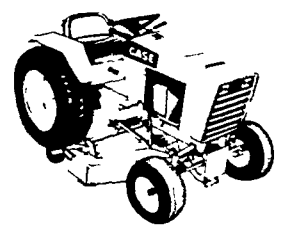

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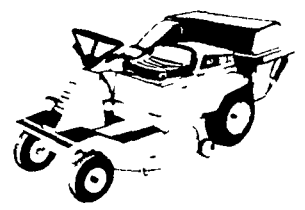

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Ag under fire in Central America

WASHINGTON, D.C. — From a hot spot on travel posters, Central America recently jumped into world headlines as the trouble spot of the Western Hemisphere.

Attention has focused primarily on El Salvador, Nicaragua, and Guatemala, but important changes have also confronted neighboring Honduras, Panama, Costa Rica, and Belize (pronounced Bah-leez'). In a combined land area smaller than Texas, these seven nations of 23 million people share a host of common problems.

Perhaps the most serious is the increasing violence on the narrow land bridge that links North and South America. Guerrilla activity, terrorism, and political uncertainty have economic consequences even for those nations not directly involved.

"The rising level of violence and uncertainty in the region is contributing to declining investment, capital flight, growing foreign debts, and social, economic, and agricultural disruptions," says economist Donnel O'Flynn, a specialist on Central America with USDA's Economic Research Service.

Food and farming are at the very core of the crisis. Agriculture is, by far, the major industry, major occupation, and major export earner, so a healthy agricultural sector is vital to the region.

The fighting in El Salvador and Guatemala has affected not only the credit available to agriculture. It has interfered directly with food production, trade, and land reform; it has added to refugee problems, food shortages, and overcrowding in cities; and it has spread fear among rural populations, which generally take the brunt of the violence.

But even if all hostilities ended today, Central American would still be facing difficult times, according to O'Flynn. He points to the current depressed state of the world economy, rapid regional population growth, and the obstacles to earning enough foreign exchange to meet expanding demand for imports — imports not just of consumer goods by also of oil, industrial products, and agricultural inputs needed to feed productivity gains.

Only Panama and Nicaragua made good economic progress last year. For most of Central America, however, high interest rates and tight credit severely crimped or reversed economic growth Lower prices for the region's chief export commodities — beef, coffee, sugar, bananas, and cotton — hurt, too. Even worse, agricultural output has been falling behind population gains.

Despite this turmoil, Central American agricultural exports remain high. Unlike most of our trading partners worldwide, all seven Central American nations can claim a favorable balance of agricultural trade with the United States.

In total farm product commerce with us, Central America earns around four times more than it spends. The region sold from $1.3-$1.7 billion in agricultural goods to the United States in each of the last 3 years, compared with imports from us of $251 million in fiscal 1979, $385 million in fiscal 1980, and $373 million last year.

The United States in Central America's top customer, accounting for about 40 percent of the region's farm export earnings. Close to 10 percent of our total agricultural import bill is spent there on such products as sugar, cocoa, coffee, bananas, beef, and tropical fruits.

For U.S. farmers, however, Central America is a small and currently depressed market. It represents only around 1 percent of our agricultural export earnings, although the region buys more from us than from any other supplier.

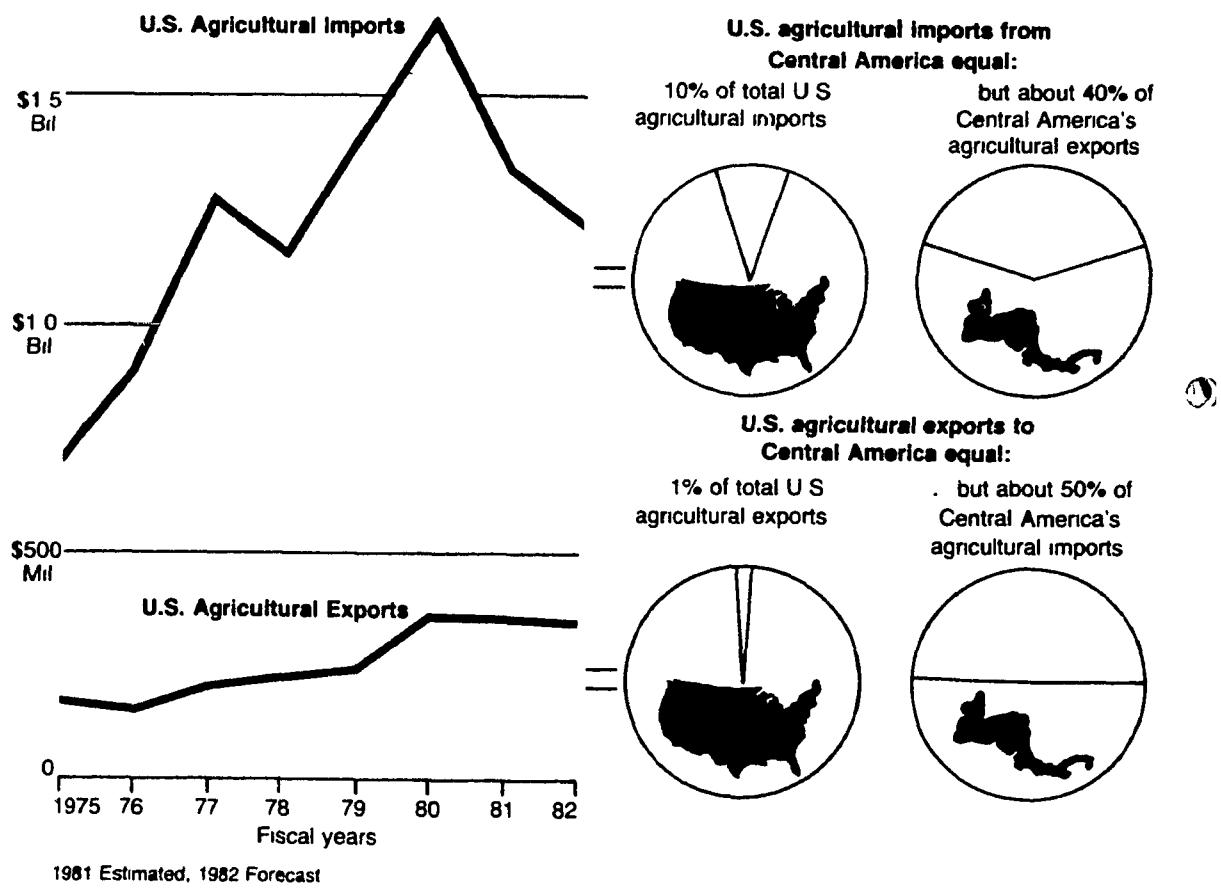
Overall, about nine out of every ten dollars worth of U.S. exports are on commercial trade terms, but the percentage varies from year to year and from country to country. In fiscal 1981, 30 percent of U.S. agricultural exports to El Salvador were under long — term credit, P.L.-480, or other concessional programs, whereas 98-100 percent of our exports to Panama, Costa Rica, and Belize were commercial.

Panama is the biggest commercial customer for our farm goods in Central America, with $81.3 million in purchases last year. Another $1.6 million in exports came through concessional programs. Total U.S. farm exports to Guatemala were slightly higher — $85.1 million — but commercial sales amounted to only $77.7 million.

From us, Central America buys wheat, flour, wheat, flour, corn, soybean meal and oil, tallow, and many processed foods. Our fiscal 1980 export record of $385 million wasn't matched in 1981 because of the suspension of food aid to Nicaragua and smaller sales to

(Turn to Page A17)

U.S. Imports Far Exceed Exports in Farm Trade with Central America, But Central America Counts on the U.S. as Both Buyer and Seller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1975 76 77 78 79 80 81 82
Fiscal years
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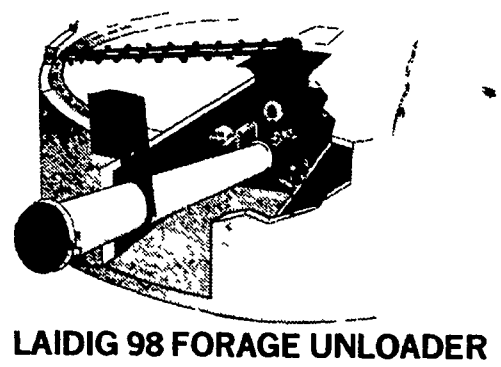

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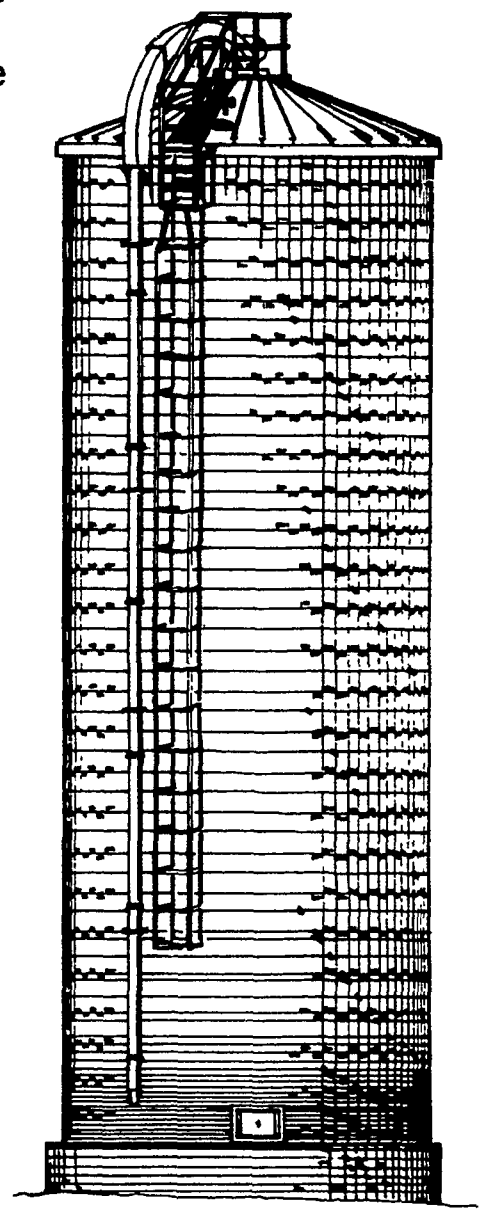

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Chemical gives seeds "get-up-and-grow"

BELTSVILLE, Md. — Ever heard of polyethylene glycol? It's a chemical used in a host of industrial processes, and now research by two USDA scientists suggests it may increase yields of soybeans and other legumes.

Lowell W. Woodstock and Kar-Ling James Tao of USDA's Beltsville Agricultural Research Center in Maryland have found that soaking the embryo of soybean seeds with polyethylene glycol will improve the germination and early growth of aged or damaged seeds. In some cases, the effects of aging are almost completely avoided.

Woodstock and Tao found that proper germination and early growth depend partly on the seeds' ability to withstand rapid uptake of water immediately after planting. If the cell membranes have deteriorated because of age or damage, they tolerate water uptake less, and the swelling caused by water can further injure the membranes.

"The seed's embryo appears to be the critical component when injuries occur from the rapid influx of water," says Woodstock, who is with the Seed Research Laboratory of Beltsville's Plant Genetics and Germplasm Institute.

During the first minutes of exposure to water, aged embryos lose six times more of the cell constituents than young, healthy embryos lose, Woodstock and Tao found. These may include the enzymes, nucleotides, amino acids, and organic and inorganic ions needed for the seeds' life processes.

In the experiments, PEG-treated embryos (from seeds which had first been "aged" by storing for up to 5 days at 106 degrees F. and 100 percent humidity), grew at a rate comparable to that of high-vigor embryos.

Woodstock and Tao theorize that PEG slows the seeds' water uptake, possibly giving cell membranes time to repair, thus reducing the leakage of cellular constituents. Cell membranes are semipermeable, allowing smaller molecules such as water to enter while blocking larger molecules such as PEG. PEG's presence reduces the effective concentration of water molecules, and fewer water molecules hit (and pass through) the cell membrane in a given amount of time.

Although he reaffirms that there is no substitute for high-vigor seeds, Woodstock believes that polyethylene gylcol might substantially increase the yields of soybeans, lima beans, peas, and other crops whose seeds are [illegible] such injury—particularly when planting is followed by a cold spring rain.

Subsequent work by Woodstock and colleague Raymond B Taylorson into PEG's effects on whole seeds has supported these findings. Results indicate that the chemical could also solve problems with the practice of soaking seeds in water before planting Soaking encourages uniform and rapid germination, but it also causes some seeds considerable injury. In Beltsville tests, low-vigor soybean seeds not only were protected from soaking injury when PEG was added to the water, but also actually grew better than PEG-treated, low-vigor seeds not soaked in water.

Work at the Boyce Thompson Institute in Ithaca, N.Y., has been equally encouraging, showing that a coating of PEG and gum arabic protects soybean seeds against chilling injury. "Gaps between the laboratory experiments and the actual field use of polyethylene glycol remain to be filled," Woodstock says. "But the results thus far suggest that we're on our way to improving soybean and other legume yields."

Ag under fire

(Continued from Page A16)

Costa Rica and Honduras. U.S. exports are expected to fall further this fiscal year, primarily because of lower grain prices and reduced grain demand.

Although political and economic conditions are depressing U.S. sales for now, the Central American market has a lot of future growth potential-when and if strong economic performance returns to the region.

"There is clearly a great deal of latent demand for improved diets." says economist Donnel O'Flynn. In fact, during recent years, farm production hasn't even kept pace with population growth.

The fastest growing needs seem to be wheat and flour for human consumption, and feed grains and protein ingredients to expand livestock and poultry production in the short term, dairy and vegetable oil sales could also increase to offset local production declines.

U. S. Senate committee hears rural energy testimony

WASHINGTON, D.C. — Senator Jesse Helms, chairman of the Senate Committee on Agriculture, Nutrition, and Forestry, has announced hearings on rural energy policy will be held May 25-26.

Senator Mark Andrews (R-ND), chairman of the Subcommittee on Rural Development, Oversight, and Investigations, will conduct the hearings, which are scheduled for 1.30 p.m in Room 324 Russell Senate Office Building

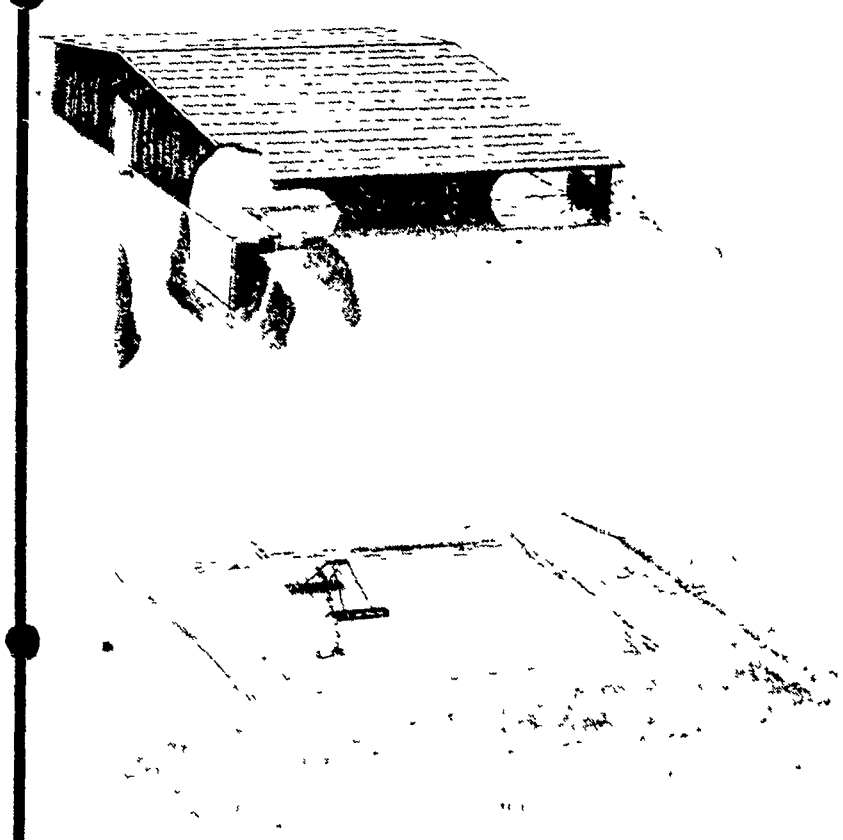
Senator Andrews said the "Rural Energy Equity" hearings will investigate the extent of energy problems and will explore all avenues that will help the United States achieve energy independence.

"For quite some time I've been deeply concerned over this country's lack of a cohesive energy policy. This is a serious omission which disturbs me even more during our present 'glut' of energy supplies and a prevailing attitude of complacency," Andrews said.

"As a farmer myself, I have some knowledge about how precarious our rural energy supply system is. Furthermore, I know something about the dependency farmers have on petroleum supplies at the critical planting and harvesting periods, which are dictated almost entirely by weather," he continued

The North Dakota senator added that he is alarmed at what over-regulation, high production costs aggravated by repressive interest rates, and the reluctance of some areas of the country to develop their own energy are doing to the entire energy industry

Invited witnesses include the Electric Power Research Institute, Palo Alto, CA, the National Rural Electric Cooperative Association, the Basin Electric Power Co-Op of Bismarck, ND, the Georgia Power and Light Co, Atlanta, GA, the National Coal Association, the American Nuclear Energy Council, the National Food and Energy Council, the Consumer Federation of America, the Americans for Energy Independence, and the National Council of Farmer Cooperatives



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How best to control water pollution from small feedlots

COSHOCTON, Ohio — Many cattle on small farms in the eastern United States are being fed on small paved lots, and runoff from these lots often carries pollutants into nearby streams

Although we do not know exactly how serious the problem is, federal tax funds and farmers' dollars are being spent to reduce runoff from these small feeding operations, reports Agricultural Research Service

William M Edwards, soil scientist at the North Appalachian, Experimental Watershed, designed a 3-year study to evaluate the runoff quality from a typical small paved feedlot and from an unpaved feedlot He also developed and tested facilities to control pollutants in the runoff

Each October for 3 years a 2,600-square-foot feedlot was stocked with 56 steers that were fed corn silage until March Then the ration was gradually shifted to shelled corn for the last 3 months of growth The animals were removed in small groups as they reached market weight

A 400-square-foot setting basin caught all runoff from the paved lot Overflow from the basin then moved in sequence through two filter strips of fescue sod, each 100 feet long by 15 feet wide

Runoff material was evaluated at four points as it came off the feedlot, as it overflowed the setting basin, and as it left each of the filter strips.

Edwards, working with another ARS soil scientist, Lloyd B. Owens, and agricultural engineer Richard K White of Ohio State University, analyzed the water for chemical oxygen demand, biological oxygen demand, total solids, total and soluble nitrogen, phosphorus, and potassium

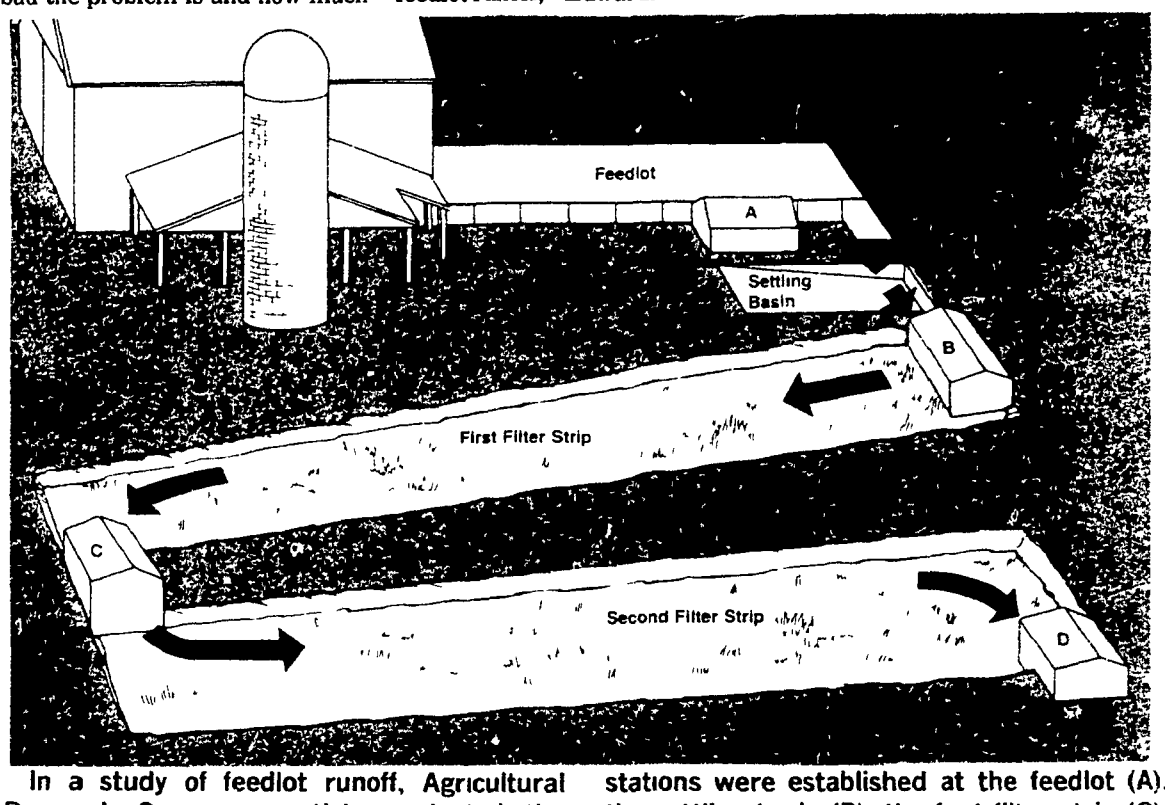
The settling basin was very effective in reducing solids and nonsoluble materials in the runoff," Edwards said The filter strips were more effective in removing the soluble ammonium nitrogen, phosophorus, and potassium Reduction of these chemicals was as effective in the second filter strip as in the first, indicating the value of the additional filtering area under these test conditions "

Concentrations of all materials being measured were higher in the latter part of the feeding cycle when the ration was higher in shelled corn than in corn silage Animals fed corn silage produce a coarser textured manure, which is more easily retained in the settling basin after each runoff event

Runoff from the paved lot equalled about two-thirds of total precipitation while runoff from the unpaved lot equalled about one-third.

"In many cases money is spent to improve feedlot runoff quality with inadequate knowledge of how bad the problem is and how much good the proposed treatment will do. Applying the results of this study will improve the efficiency of money invested in control of feedlot runoff," Edwards said.

In continuing research, Edwards is testing reed canarygrass in th efilter strips and is also evaluating the effects of tile drainage systems beneath them.



In a study of feedlot runoff, Agricultural Research Service scientists evaluated the quality of water exiting a typical small paved and unpaved feedlot. Measuring and sampling stations were established at the feedlot (A), the settling basin (B), the first filter strip (C), and the second filter strip (D).

Vegetable Co-op holds annual meeting

BERWICK — Berwick Vegetable Cooperative's 29th Annual Dinner Meeting for members and area farm leaders will be held Saturday, June 26, here at the Maria Assunta Hall.

The Cooperative's guest speaker of the evening will be E. Chester Heim, Deputy Secretary of Agriculture. His speech will be entitled "Structuring a Successful Marketing Program."

Heim has a lifetime experience in farming and agriculture. Just prior to being appointed Deputy Secretary of Agriculture in February of 1979, he was employed by the Pennsylvania Farmers Association as Manager of the Public Affairs Department.

The evening's activities begin with registration and a cash bar at 6 p.m. dinner at 7 p.m., Heim's address at 8:30, followed by the annual business meeting.

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Scientists link genes to disease resistance

WASHINGTON, D C — Agricultural scientists have discovered that genetic material called plasmids in corn and sorghum may be a key to breeding desirable traits, such as disease resistance, into these crops

Daryl R Pring, plant pathologist with the U.S Department of Agriculture's Agricultural Research Service, reported the finding Monday at the opening session of a three-day symposium on genetic engineering at the Beltsville, Md., Agricultural Research Center

But don't look for quick development of new plants that could prevent disease from wiping out today's hybrid crops, Pring cautions.

Future use of the plasmids in breeding will require a great deal of research, Pring said Capitalizing on the plasmid's potential, he emphasized, will have to wait perfection of the genetic engineering techniques involved, and this could take many years

Pring, who does research for USDA's Agricultural Research Service in Gainesville, Fla., said the discovery is significant because it may give plant breeders the ability to overcome the disease susceptibility that can accompany male sterility in corn

Plasmids could be a new source of male sterility in corn, he said In the past, a source called the T cytoplasm had been relied on to produce this sterility, but it caused corn to be susceptible to disease

Pring said plasmids may carry the genetic information that produces male sterility in corn It is a genetic trait prized in plant breeding

When plant breeders produce hybrid offspring, they cross-pollinate different plants of the same species – such as corn – to transfer genetic traits between them Usually, the pollen or male part of the flower is removed by hand to guarantee male sterility

Use of the plasmid may guarantee sterility and save a lot of hand work, Pring said Male sterility insures that the seeds produced are hybrids—that such seeds produce plants that have been cross-pollinated to capture desirable traits such as increased yield, improved seed quality and drought resistance

Earlier, Pring and geneticist C S Levings of North Carolina State University discovered the plasmids while studying male sterility in corn in cell structures known as the mitochondria, which are energy-producing bodies in cells

After the discovery in corn, Pring and his associates and USDA geneticisit K F Schertz at College Station, Tex , found similiar plasmids in male sterile sorghum These plasmids also were located in the mitochondria Pring said that because corn and sorghum plasmids are chemically similar, the findings suggest a common mechanism of male sterility in these two plants

'Our studies are designed to alter the T cytoplasm gene to eliminate disease susceptibility in corn," the scientist said

On the other hand, our sorghum work is preventive medicine," Pring said In sorghum, male sterility is not linked to disease susceptibility We want to broaden the cytoplasmic base of sorghum to avoid potential disease or insect problems "

Pring and an interdisciplinary team of USDA and state scientists began to suspect that plasmids were responsible for male sterility while undertaking studies on corn mutants—plants in which genetic alterations occur naturally and are unexplained

What the scientists found was evidence of the possible evolutionary origin of male sterility in corn They located free plasmids" — independent, tiny molecular entities associated with the mitochrondria — in the cytoplasm of one male-sterile mutant of corn These plasmids may have come originally from fertile corn, Pring said, but were cut out during the evolutionary process, converting the plant from male fertile to male sterile

At the University of Illinois, geneticists J R Laughnan and S J Gabay-Laughnan found corn mutants Then, Pring and Levings, working with the Illinois collaborators, found evidence that the plasmid had been integrated back into the mitochrondrial genetic material, making the plant self-fertile.

Pring said plasmids are widely found in microorganisms and often are associated with antibiotic resistance bacteria Genetic engineering technology is successfully being applied to microorganisms and will work in higher plants, according to the scientist

USDA's Agricultural Research Service, the USDA Competitive Grants Program and the Florida Agricultural Experiment Station supported the cooperative research, with input from state collaborators and the Plant Breeding Institute, Cambridge England

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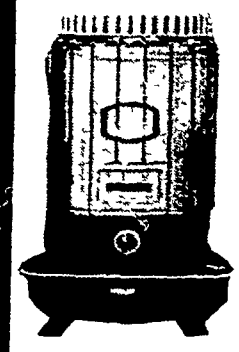

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Reagan troops inva

While some birds can be a pest to farmers, this whirlybird and its presidential cargo was a welcome site at the Leon Wilkinson dairy farm.

With a wave of a farm cap, President Reagan bids farewell to the hundreds of people fortunate enough to meet him.

Block, Reagan and Wilkinson discuss the ins and outs of dairy farming before meeting with a barnful of guests for questions.

Reagan

(Continued from Page A1)

inside a large machine shed for their top-brass guest, several hundred more were "permitted" to wait in a lower pasture and watch from across a creek the landing of the presidential helicopter

Meanwhile, dozens of Secret Servicemen, state and local police patrolled every inch of the area. Guards could be seen atop buildings, along the hillsides and even among cattle.

After what seemed like hours, a lone helicopter, large and very military, appeared and brought the crowd to its feet. As the doors banged open, out jumped the White House press corps. More than 40 people, laden with cameras, tripods and other paraphernalia converged on the Wilkinson pasture like stormtroopers hitting the beaches. Recognizing the false alarm, the crowd settled back.

Two more helicopters arrived within minutes of each other. They quickly unloaded their cargo of Marines and more Secret Servicemen but again no president.

Finally, the blue sky produced one more chopper and this time the crowd sensed it was the 'real McCoy.' The tall dark-haired man, looking more like a retired athlete than a president, had an ear-to-ear grin as he descended from the chopper.

Reagan momentarily disappeared in a crowd of guards and then reappeared flanked by U.S. Agriculture Secretary John Block and his dairyman host Leon Wilkinson.

The trio walked to a fenced-in area which contained about 25 dry cows and one small calf. While the president joked with reporters who were trying vainly to keep their footing on a tilted hay wagon, Wilkinson and Block guided the day-old heifer to her first and probably only presidential audience.

"She was born this morning," said Wilkinson, "and we named her Number One Nancy." The president seemed pleased to meet his wife's namesake, but his tight schedule prohibited him to linger with the gentle cattle and within minutes he was off to a large building at the rear of the farm where a few hundred farmers awaited.

Upon entering the building, Reagan was met with a deafening standing ovation His white shirt and tie contrasted sharply with the surrounding flannel and denim workshirts and jeans As the din faded, the president, Block and Wilkinson settled back on straw bales where they would entertain the crowd for the next 45 minutes.

"Well," joked Reagan scanning the crowd, "I wonder whose tending the farm." The crowd laughed its approval Throughout the morning, the chief executive laced his talk with humor, which helped the crowd stay friendly.

The president admitted that no part of American economy has been caught harder in a cost-price squeeze than agriculture.

"I have a personal example of that," Reagan said. "I have a ranch of my own. Well, it's actually a hobby ranch. Since, I'm doing what I'm doing — living in public housing in Washington — I can't do much farming." More laughter.

An obliging farmer offered some advice, "You should put on some cows...but I don't know if that's a good idea right now."

However, Reagan showed his serious side when addressing high interest rates and inflation. He explained that financial and business leaders who have met with the president have expressed little optimism toward a falling interest rate.

"It is pessimism, based on past experience, that over the years we've had seven recessions since World War Two," said Reagan.

"And every time the government has gone for the quick fix...artificial stimulant of the money supply, artificial government spending."

The result, said Reagan, has been spiralling inflation. He did admit that a "quick fix" had a temporary affect on improving unemployment.

"But it's like trying to treat a fever by eating a thermometer," the president explained.

Reagan told farmers that bankers and other loan agencies are pessimistic because they think that government will follow its old pattern of using a temporary solution only to be followed by a worse recession in the future.

"Well the government is not following the old pattern," Reagan assured. "We're battling to prevent that.

"If the Congress will vote the budget that you want, with again the continued cut in spending, interest rates will come down," he explained

One Chester County farmer reminded the president that he was visiting the mushroom capital of the world. On a somber note, the farmer also added that the U.S mushroom industry is being devasted by foreign imports

The president said he is aware of the mushroom problem and explained that Secretary Block is currently working on the mushroom situation

When asked why U.S. farmers aren't competitive in the world market, Reagan replied that while government is not trying to run private farms the 'feds' are looking at ways to stimulate and open up the export market.

"We're one of the few countries that is not only able to feed more people per farmer than anybody else in the world but we have a surplus that be can sold to help out the world," said Reagan

In seeking solutions to the current dairy situation, a producer asked the president what can dairy farmers and government leaders do to work together to solve the problem.

Reagan recognized the fact the problem was produced by the government, which is now spending about $2 billion dollars this year in support. The chief executive briefly noted two provisions in Block's proposed emergency dairy plan.

"We are seeking legislation which would allow the Secretary of Agriculture to use his discretion to set support levels," he explained.

"We are also looking at import levels of casein," he noted.

The president explained that the quarrel with the present support program is that the government is too rigid.

"We all recognize the problem. You can't take a system that has been going on and that people have geared themselves to and then pull the rug out all at once.

"First of all nothing is going to be done before January first. But, this is why we want the Secretary of Agriculture to have the flexibility instead of this rigid sytem that is set by legislation."

While the president did not tell the farmers anything new, many seemed encouraged and supportive.

One young farmer told Reagan, "I wish you were in office in 1976, because I wouldn't be in the fix I'm in now."

His remark met with applause from most farmers and welcome relief from the president

(Turn to Page A21)

A day-old calf, dubbed "Number One Nancy," receives a presidential greeting. Assisting the U.S. Agriculture Secretary John Block assists the four-legged celebrity while farm owner Leon Wilkinson, right, looks on.

invade Pa. dairy farm

More than 300 farmers anxiously await the president's arrival. Several hundred more folks were turned away from the Leon Wilkinson farm for security reasons.

Contrasting from the flannel and denim workshirts around them, Reagan and Block settle back on straw bales as they listen to the questions and comments from farmers.

(Continued from Page A20)

"I'm so tired from hearing from our opponents that say the program passed last summer has failed," said Reagan. "It hasn't started yet.

"It isn't just the fact that July first we're now paying a lower tax, there has to be time for that money to come into your pocket for it to have an effect," he defended.

"I'm not going to tell you that now we recover," he said but added that with a recession of this kind, there is a slight dip first followed by a rise in the economy.

"And there's every indication that rise is going to come in the latter half of this year," he said.

Although the president's visit had the flavor of a whistle-stop campaign some farmers thought the chief executive expressed sincerity over the farmer's economic woes and not just campaign rhetoric.

"I think he was sincerely interested," said Landenberg dairyman Dave Hocking. Hocking's 140 milking herd provides a livelihood for four families and the farmer admitted he'd like to see the price support level remain high. Despite the present dairy situation, the Chester County producer said he has definite plans to expand.

"You don't get anywhere sitting still," he said.

Lebanon County dairymen Frederick Bohn and Don Landis said they were encouraged by the president's reassurance that changes in the support program were "not going to pull the bottom out."

The two men admitted they are fortunate that dairying is still better off than most segments of agriculture. However, Bohn noted that expansion is not in the future.

"We've got to get better, not bigger," he said.

Following Reagan's question and answer period, the Secretaries of Agriculture take the floor for additional grilling. Pa. Agriculture Secretary Penrose Hallowell, left, listens as U.S. Agriculture Secretary explains his plans for dairy.

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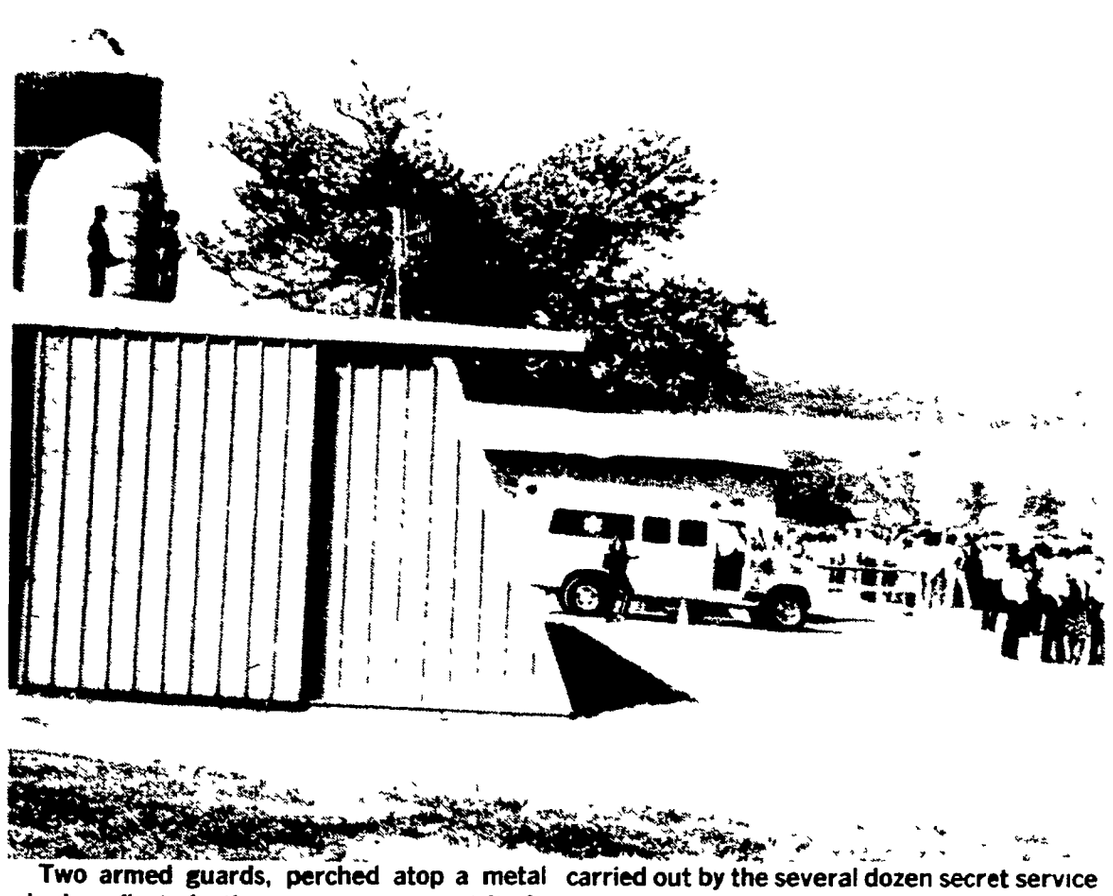
, looks on.

Governor Thornburgh was among many state and national officials on hand to welcome the President.



Two armed guards, perched atop a metal shed reflected the no-nonsense attitude carried out by the several dozen secret service men.

Block

(Continued from Page A1)

and virtually everything else, competitive with any country in the world. But in dairy we've got some problems in terms of exports," he said.

"We're losing domestic markets and we're losing exports." The paradox, said Block, is that the U.S. has the best management, facilities and finest cattle in the world, yet cannot compete on the world market.

"One of the biggest problems is the rigidity of the government program," he explained. "We don't intend to destroy the program We're trying to keep it basically as it is. I hope we don't have to lower the prices at all. We want to give some time for adjustment."

Block noted that the U S. can export many dairy products, provided they are exported at domestic prices. He said surplus dairy products also can be exported at domestic prices.

"But we cannot undercut the world market by selling them at a discount," said Block.

When asked about the possibility of an export trading company, Block explained that legislation is now in Congress which will provide the framework for such a company. He said the companies could offer a "smorgasbord" of commodities ranging from cattle to machinery.

The secretary was asked whether he thought raising the minimum standards of milk, a provision in his plan, would help dry up some of the surplus.

"We don't pretend to think we can order all the states to do this," said Block. "But we do think it would be very useful to encourage it. The milk tastes better when it's that way in my opinion."

Block noted that he does not support any major changes in the commodity programs of the Farm Bill While the secretary admitted the 1981 Farm Bill was less than perfect, he said he felt it was a good bill which will serve agriculture.

At a luncheon, which followed the president's visit, Block receives a dozen roses from Joan F. Pew, Commissioner for Pa. State Horse Racing and a basket of Chester County mushrooms from the president's host Leon Wilkinson.

U.S. Senate Ag Committee to hear testimony on U.S. dairy program

WASHINGTON, D.C. — Senator Jesse Helms, chairman of the Senate Committee on Agriculture, Nutrition, and Forestry, announced Tuesday that a hearing on S. 2533 and other proposals to make adjustments in the dairy price support program will be held May 27.

Senator Thad Cochran (R-Miss.), chairman of the Subcommittee on Agricultural Production, Marketing and Stabilization of Prices, will preside at the hearing, which is scheduled for 10 a.m. in Room 324 Russell Senate Office Building.

Helms and Cochran said the hearing will focus on the Administration proposals to make adjustments in the dairy program as well as proposals supported by industry, Congressional leaders, and other interested groups.

On Monday, May 17, Senator Helms introduced the Administration bill, S. 2533. Among the proposals included in S. 2533 would be the enactment of legislation which would give the Secretary of Agriculture discretionary authority to set the milk price support level. Other features of the bill include providing for a Dairy Advisory Board and Commodity Credit Corporation authority to donate more dairy products in the United States and abroad

In introducing the Emergency Dairy Adjustment Act of 1982, Helms said, "There is almost unanimous consensus that the adjustments made in the dcairy provisions of the 1981 Farm Bill have not accomplished what was intended. Government expenditures are likely to exceed $2 billion and may be more than 25 percent greater than that. Production is increasing in the face of almost unbelieveable surpluses," Helms said.

"Obviously, it is in the interest of dairy farmers, the dairy program, consumers, and taxpayers that Congress make further adjustments in the program. Congressional action has created the problem, and now it is up to the Congress to correct it," he continued.

Helms said that the Administration's bill will provide the guidance for the hearing. "Producers are willing to do their fair share, and at this time, there appear to be several alternative suggestions. I believe we will have a number of them on the table by the time the hearings are held," he said

Senator Cochran said, "It is important that we find some means of bringing the costs to the government under control, while maintaining a fundamentally sound dairy industry to meet consumer needs."

Witnesses at the hearing will represent the Administration, the dairy industry, and other interested parties.

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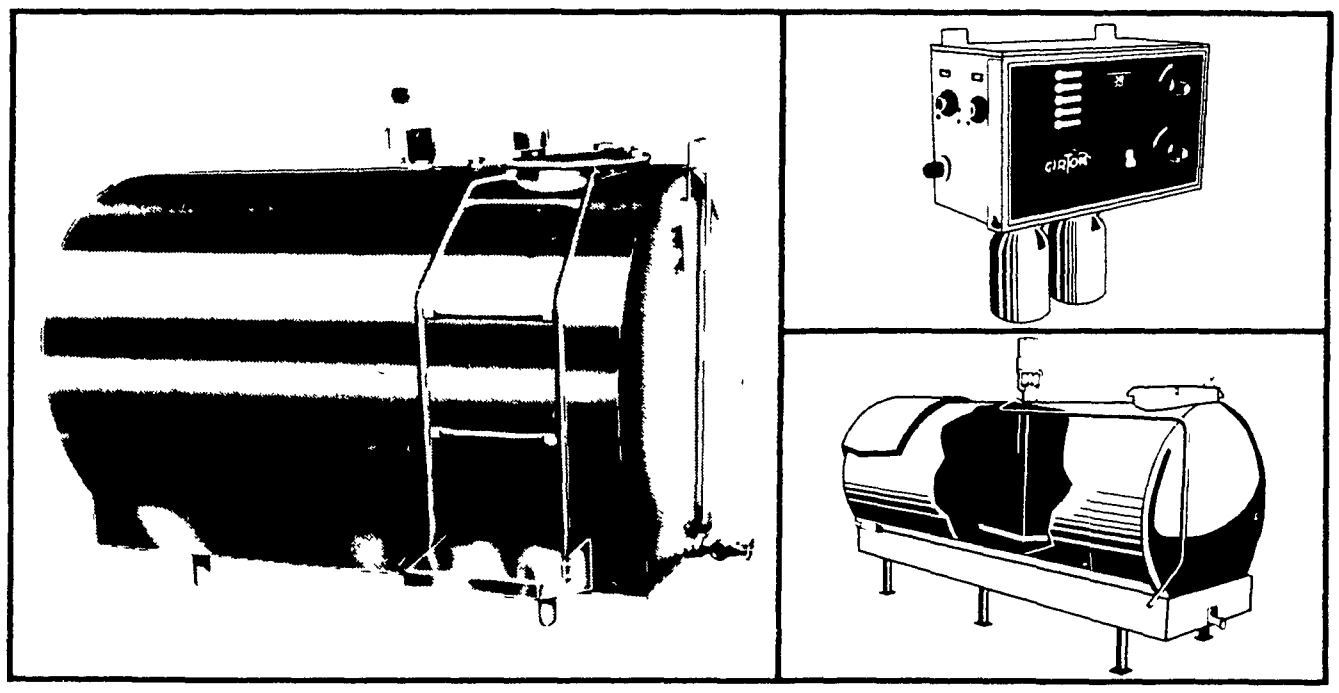

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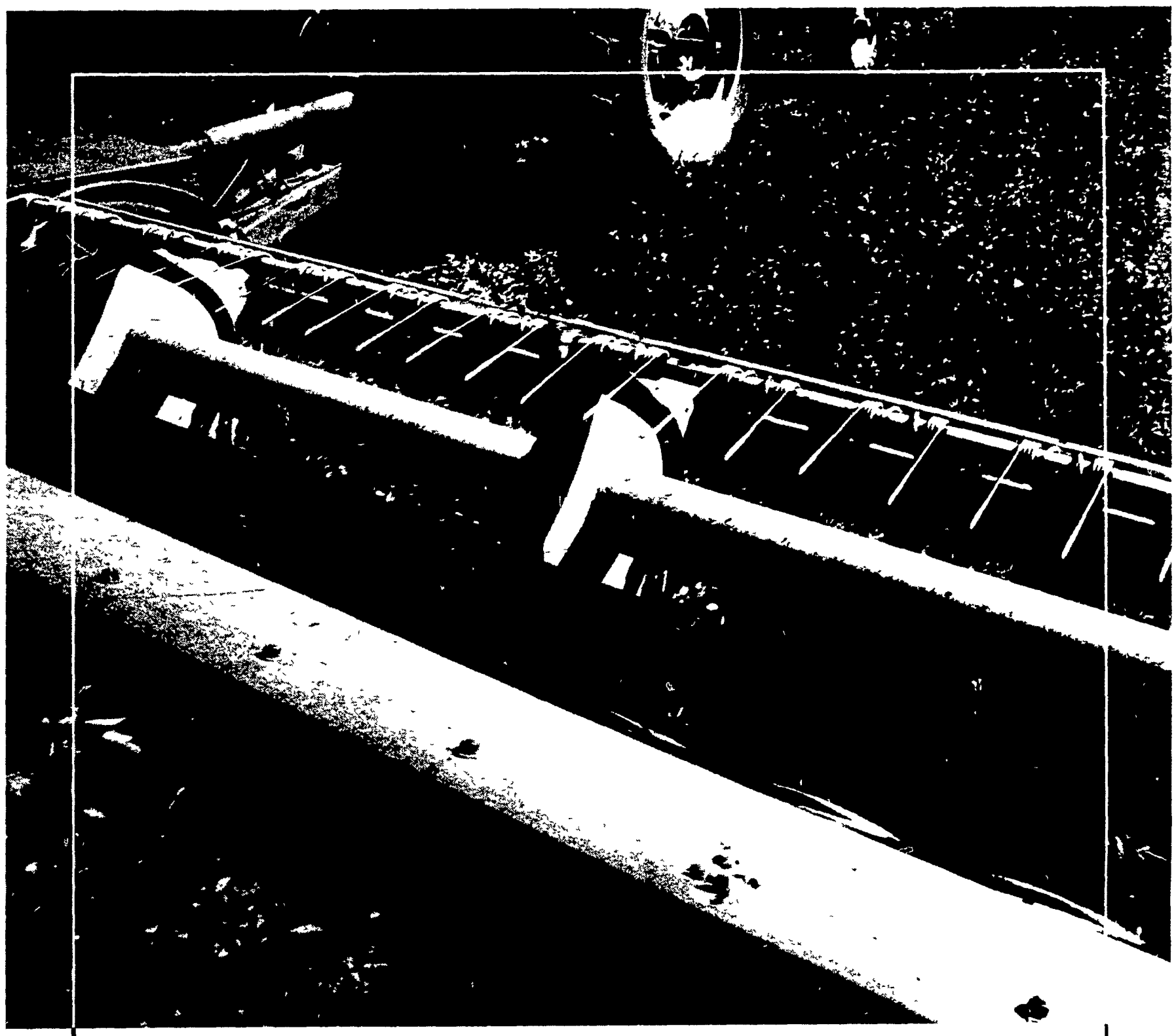

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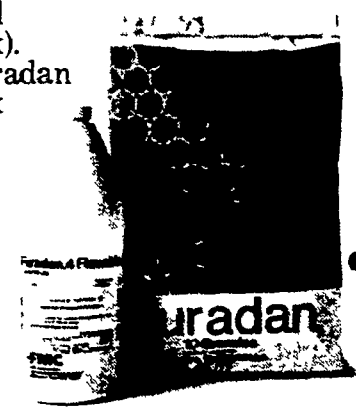

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ASCS reminds farmers to report acreage

HARRISBURG — All producers of wheat, barley, oats, corn and sorghum should make accurate reports of 1982 acreage to ASCS, advised Eugene Thompson, Pennsylvania state executive director of the Agricultural Stabilization and Conservation Service.

Acreage reports are especially necessary for producers who enrolled in the 1982 Crop Acreage Reduction Program. "Program benefits are dependable on compliance with the program," Thompson said.

Acreage reports for wheat, barley and oats should be made to the county ASC offices by June 15. Acreage reports for corn, sorghum, and conservation acreage (acres reduced due to program participation) may be submitted to ASCS until Aug. 2, 1982.

Producers of these commodities who are not program participants should also submit acreage reports, according to Thompson. 1982 acreages will be used in determining 1983 crop bases as prescribed by the 1982 Agriculture and Food Act. The 1983 commodity programs are not known at this time, but authority is granted by the 1981 Act which will permit the Secretary of Agriculture to establish target prices, price supports, grain reserve, and other provisions if needed in 1983.

Accuracy of crop reports is important, Thompson cautioned. Program benefits will be determined based on acres enrolled and the reported acreage. He said, "We want satisfied farmers as program participants and this depends on program compliance."

County ASCS offices offer measurement service to producers who request the service and pay for the applicable cost of measurement. This is often a very good investment for farmers who are unsure of their acreage accuracy.

Producers should contact the county ASCS office as soon as possible to report acres and/or request measurement service.

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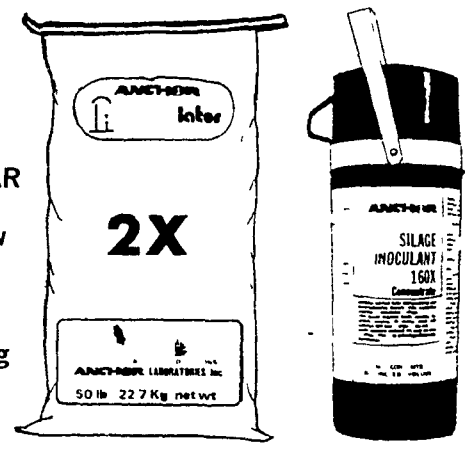

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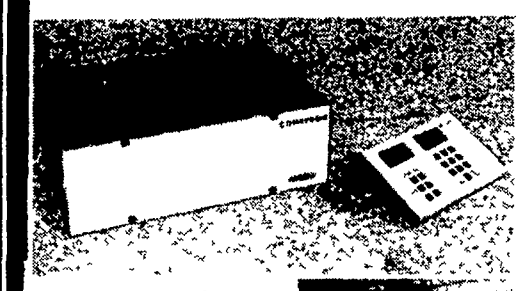

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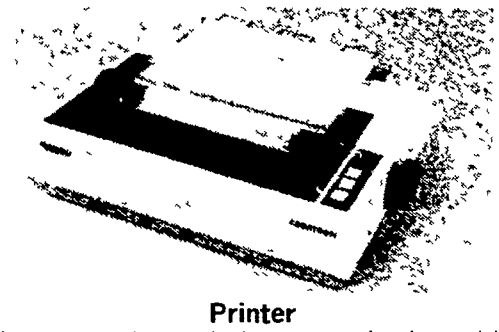

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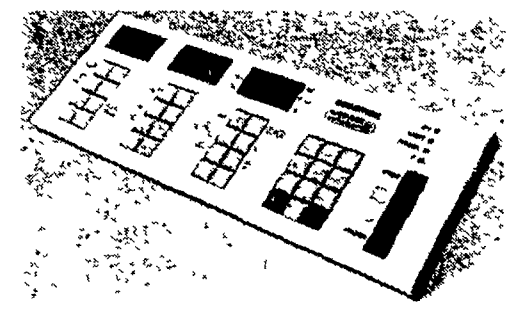

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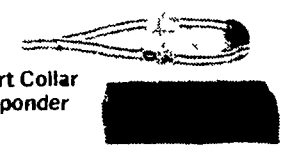

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Soil Conservation Service calls for volunteers

WASHINGTON, D.C. — Thousands of volunteers are needed to help battle soil erosion and other natural resource problems, peter C. Myers, chief of the U.S. Department of Agriculture's Soil Conservation Service, said last Tuesday.

"Soil erosion is one of the most serious problems facing America today," Myers said. "People who will volunteer their time and talents to help the Soil Conservation Service and local soil and water conservation districts can put more conservation on the land while keeping federal costs down."

In the new volunteer program, authorized by the Agriculture and Food Act of 1981, people could perform a wide range of services on a part-time or full-time basis, such as aiding with.

—field surveys and layout of conservation practices;

—conservation education programs in schools, churches and clubs;

—training of high school, vocational and agricultural students for soil and land judging contests; and

—building or making use of outdoor learning areas with schools, Scouts and other groups

"Volunteers won't be paid, but they will find it satisfying and interesting work," Myers said "They would not be considered federal employees, but they will receive legal protection as well as insurance for any work-related injuries."

Lack of such protection discouraged volunteer service in the past The Soil Conservation Service had only a small student volunteer program under the Civil Service Reform Act.

"Volunteers won't be used to displace current employees of USDA We need all the trained conservationists we have," Myers said "But volunteers can help us be more responsive to local needs without adding staff, and they can help free up more time for field employees to work directly with landowners on solving conservation problems."

Anyone interested in volunteering, said Myers, should contact the local office of the Soil Conservation Service or the local conservation district.

Other information on how to become a conservation volunteer is available by writing. Soil Conservation Volunteer, C/O Deputy Chief for Administration, P.O Box 2890, Washington, D C 20013

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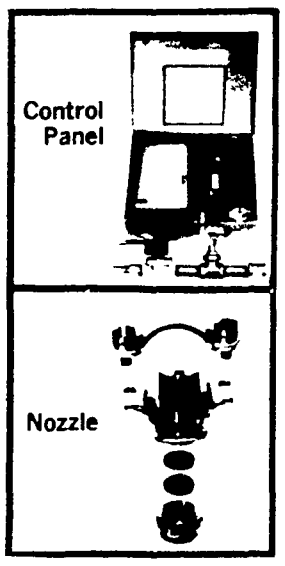
It's different with hogs High temperatures cause them a great deal of stress because they can't sweat When under this stress due to heat hogs will lose their appetite weight gains drop there is poor feed conversion conception rate is reduced and pens become a mess All of this adds up to lost profits

THE SOLUTION:

When the temperature is above 72° F even ventilation can t cure the stress that results But a sprinkler cooling system can help your hogs where nature fell short giving them a chance to cool off It sprays them with coarse water droplets to reduce their body temperature The idea is simple but extremely effective

THE SYSTEM:

The sprinkle cycle is turned on automatically whenever the barn temperature rises above a preset level 72° F Throughout this on period the control functions to permit sprinkling to occur for a preset time period each hour (2 minutes/hour is recommended for best results) When the barn temperature drops below 72° F the cycle is automatically interrupted



The nozzles are clamped to a plastic p pe strung over the gutter of slatted area at the rear of the pen Each nozzel covers a 5 6 foot diameter area which usually means one nozzle per pen The nozzle assures a coarse droplet spray pattern which is important for maximum cooling A fine mist of fog is not desirable in geographical areas of generally high summer relative humidity

THE PROOF:

	Control Hogs not sprayed	Hogs Sprayed 1 min per hr above 85°F	Hogs Sprayed 1 min per hr above 70°F	Hogs Sprayed 1 min per hr above 70°F
Average daily gain per hog	1 37	1 62	62	1 72
Average daily feed consumption per hog	5 84	6 7[illegible]	6 72	6 67
Lbs feed per lb grain per day	4 38	4 18	4 16	3 89
Lbs feed save hog	0	22	22	49
Days earlier to market	0	1	11	15

Research done at Ridgetown College of Agricultural Technology in Ontario and at the University of California have shown these results
These figures are calculated on hogs from 100 lbs up to 200 lbs

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Contract hog network features incentive bonus

BY DICK ANGLESTEIN

LITITZ — David H. Wenger, of Lititz, has had a lot of experience with raising contract hogs.

He's been raising them under various contract arrangements ever since he came to the 80-acre farm located just west of the northern Lancaster County borough more than a quarter century ago.

But the present contract arrangement he recently entered with Delmarva Farms, Inc., of Baltimore, Md., has three specific features that he really likes.

First, all of the pigs he receives are supposed to be Number 1 feeders and he has the option to reject any he doesn't like.

Second, the feeders come directly from Delmarva facilities and their stress is limited to a few hours of truck travel as compared to a couple of days or more if they came through an auction.

And third is the financial arrangement which, in addition to a basic guaranteed amount per head, features a feed conversion efficiency bonus. This bonus can add significantly to the per head payment he receives when the finished hogs go to market.

"My previous contract included a flat amount per pig and then a percentage of profits, if there were profits," he explained.

"Now, the higher flat amount in the contract with Delmarva, plus the feed conversion bonus, is an improved arrangement.

"If I do a good job in raising the pigs, it's to their benefit and mine, too."

Under the contract, the incentive bonus can add up to $2.00 per head, depending on the final feed conversion rate that's achieved with a batch of pigs.

The basic guarantee payment per head is paid at a 4.0 feed conversion rate – four pounds of feed for every pound of gain.

Then, for every tenth-of-a-pound improvement in the feed conversion rate below the 4 0 level, there's added a 20-cent per head bonus.

Thus, up to a $2.00 per head bonus can be earned if a feed conversion rate of 3.0 or better is achieved.

Wenger is waiting to see how the bonus works out on his first batch of pigs he's raised for Delmarva. Approximately half of the 845 pigs in the initial batch have been moved out and the others will go within the next couple of weeks. He just began the arrangement with the Baltimore firm on Feb. 1.

"I like the direct shipment of the feeder pigs from them, too," Wenger said.

"They seemed to gain so much better and were not stressed as much as other pigs I've raised.

"I didn't see them go backwards at first; they just took right off."

The feeders spend only about 5 to 8 hours on a truck as compared to a couple of days of stress when they move through regular auction channels.

The Delmarva Farms, Inc. network includes some 18 farms – three facilities that are owned by the corporation and 15 owner-operator farms on which the pigs are finished under contract.

Ten of the contract farms, such as that of Wenger, are loacated in the York, Lancaster and Berks counties area.

"We really like to work with the farmers in this area because of the good facilities they have and the excellent way they take care of the stock," explained Bruce Lantz, general operations manager for Delmarva.

In Wenger's initial batch of 845 pigs, he experienced a mortality of just eight. He attributes the low rate to the reduced stress and his right to reject any pigs that he wishes.

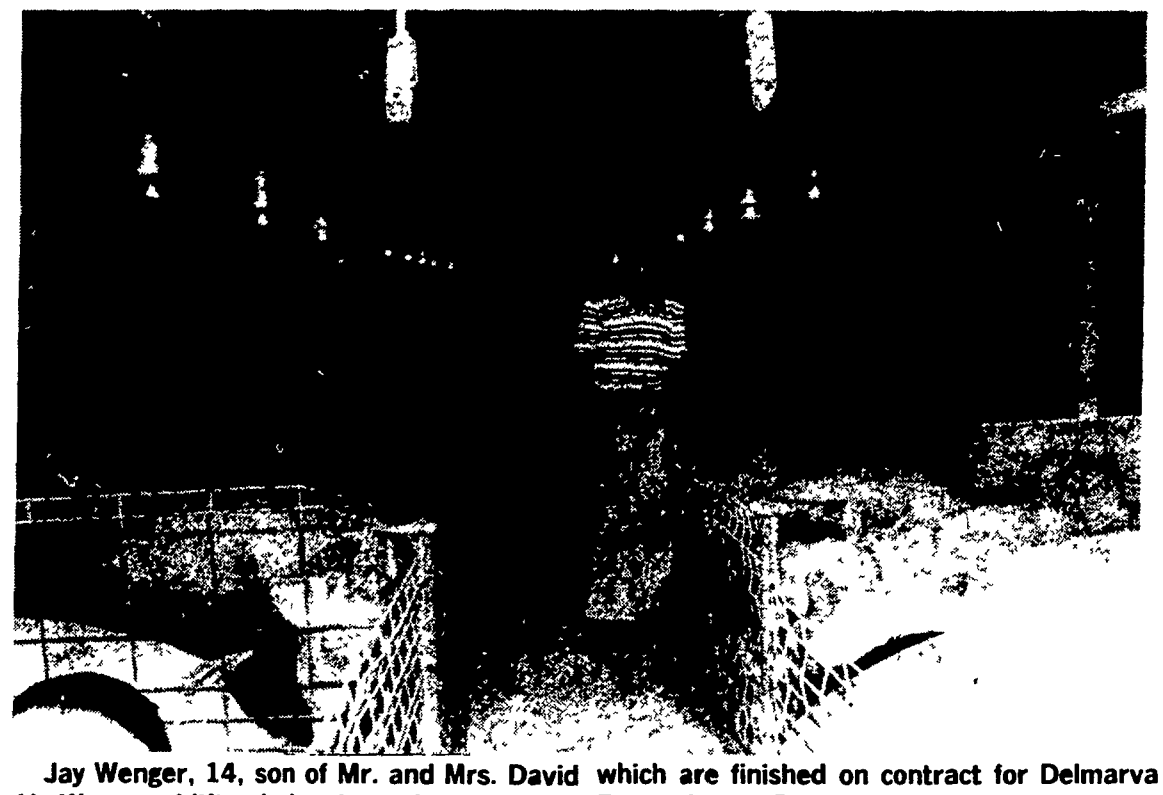
Wenger receives his feed from Master Mix facilities at Camp Hill. Delmarva has purchased a feed mill in Maryland, which will supply operators in that state and Delaware.

The three facilities owned by Delmarva include a farrow to finish operation and two finishing operations. The corporation has been in operation for about the past year and started with a 1500-sow operation at Dorchester, Md.

The Delmarva network now includes some 3500 sows overall and markets 45,000 to 50,000 hogs a year. The firm also has its own breeding stock, including a 150-sow purbred Yorkshire herd.

Owners are Gerald Klein, of Baltimore, and Robert Gibbs, of Red Hook, N.J. Advisor is Dr. Raymond T. Murphy, West Minster, Md.

In addition to the contract hog operation, Wenger also feeds some 200 head of steers. Due to the sizable hog manure and the limited acres, he double crops, such as barley followed by silage corn. Tobacco and alfalfa as cash crops also fit into the cropping schedule.



Jay Wenger, 14, son of Mr. and Mrs. David H. Wenger, Lititz, helps in caring for hogs, which are finished on contract for Delmarva Farms, Inc., of Baltimore.

Squeeze more pork per production dollar

WASHINGTON, D.C. — Despite concerns that productivity gains may be leveling off in much of the U.S. farm sector, hog producers might produce significantly more pork at essentially the same level of inputs — given the right economic incentives

For instance, many could decrease feed use by as much as 20 percent by simply improving average feeding efficiency to levels already attained by the better producers, says Richard Crom, chief of the animal products brancy of USDA's Economic Research Service.

Pork productivity, in simple terms, is the amount of meat produced per unit of input

Crom outlines several areas which offer hog growers and researchers the potential for singificant productivity gains by improving application of existing technology and management practices. While some areas still need research, many are now available to producers for adoption.

For the time being, most producers aren't interested in increasing productivity if it requires borrowing money at today's high interest rates and tight economic conditions In March, farm prices were only about $11 per hundredweight over cash costs — a small margin on which to cover labor, general farm overhead and other noncash expenses. Nevertheless, producers may be more interested than ever in ways to cut production costs through better management practices — so long as more cash outlays aren't required.

According to Crom, better feeding practices may be a prime area for productivity gains, without new investments in most cases.

The average feed conversion ratio — the amount of feed used to produce a pound of pork — is about 4.4 to 1. This means it takes 4.4 pounds of feed for each pound of pork produced.

However, better producers are achieving a 3.5 to 1 ratio. This is about a 20-percent gap which could be closed by most of today's producers, researchers note. How? By better genetics and cross breeding, improved disease control, and better protection from temperature extremes that cause weight loss.

Genetic research has already provided at least part of the answer to another productivity need: Scientists have developed hogs than can produce larger litters more frequently, with higher live birth rates. Although research is continuing, many producers haven't yet looked into the new strains already available.

Improved litter performance would allow hog farmers to maintain smaller breeding herds that would require less feed.

The number of pigs produced can also be increased by immediate rebreeding to produce more litters per sow per year. Many hog farmers wait longer than necessary.

Still another potential savings in breeding herd maintenance is for producers to send cull sows to market at lighter weights and not waste feed.

Genetic research might yield still other dividends by improving boar characteristics. Boars achieve slaughter weights at earlier ages than sows, thus offering a major advantage However, sexually mature boars may have an undesirable taste.

Breeders can seek to develop a boar which achieves sexual maturity at a relatively late age, but which retains a fast growth rate.

A final area which Crom cites for improvement is to breed larger framed hogs for the heaviest possible slaughter weight and still achieve the U.S. No. 1 grade.

Heavier, larger hogs would increase the yield of lean cuts by a small amount, and would still attain premium prices, if the U.S. No. 1 grade could be maintained.

While most hog farmers can benefit from better breeding and management, some potential efficiencies are open only to larger operators.

Large units — those farrowing about 2,500 to 5,000 or more hogs– have an economy of scale advantage of about $7 per hundredweight over small-scale producers This doesn't include the cost advantage of large-volume inputs purchases.

Large operations are usually closed-confinement systems which require a huge initial investment but offer lower labor costs and longrun savings. Currently, such investments may need to be forestalled until interest rates drop.

However, such systems must continuously operate near capacity to spread the high overhead costs, such as debt servicing. Thus, large operators can't easily vary production according to market prices.

"As more large systems predominate," Crom says, "the change in structure may tend to even out the hog cycle."

Small producers can achieve some economies of scale by joining with other farmers in cooperative buying of inputs, and in cooperative sales with grading and sorting of hogs.

The bottom line, Crom notes, is that the pork industry has considerable capacity to turn out much more meat with little additional investment — if the price is right.

More Efficient Hog Feeding Boosts Profits and Productivity

Feed Conversion Ratio	Total Feed Used to Produce 100 Lbs. Liveweight[1]	Total Feed Cost per 100 Lbs. Liveweight[2]
3 5-1 Very Efficient	350 Lbs	$21 26
4 4-1 Average	440 Lbs	$26 73
5 0-1 Less Efficient	500 Lbs	$30 38

[1]Based on farrow-to-finish operation

[2]Based on February 1982 feed prices

NEED MORE ROOM?
Read The Real Estate Ads
In Lancaster Farming's
Classified Section

Milk dealers review, look ahead

HERSHEY — The Pennsylvania Association of Milk Dealers met this week at the Hotel Hershey to review their 1981 activities and look toward changes in the future.

One major change the dealers hope to achieve is the current workman's compensation program. According to insurance chairman Ray McGarvey, eight percent of the dealers payroll or $8 per hundredweight goes toward the program.

"This is a significant amount of money," McGarvey explained. "We're dealing with the medical profession and its high cost."

The rate for the program is set by the state, said McGarvey. He explained the state arrives at the figure by computing an average which may be high in some regions of the state and low in others.

McGarvey, who is president of Meadowbrook Dairy in Erie, told his fellow dealers that the association has basically three alternatives to cut the high cost of the workman's compensation program.

He said the formation of a captive insurance company, foreign or domestic could help reduce costs. He noted that Bermuda has realistic insurance laws but that he did not see a need to "get that exotic."

A second alternative would be to set up a self-insurance program. Members would control the funding of the plan and then contract for services, such as a claims service. A disadvantage, however, would result from a large claim or a successive number of claims which could wipe out the program.

Pooling or lumping together a number of insurance companies may be another way milk dealers could save money, McGarvey said.

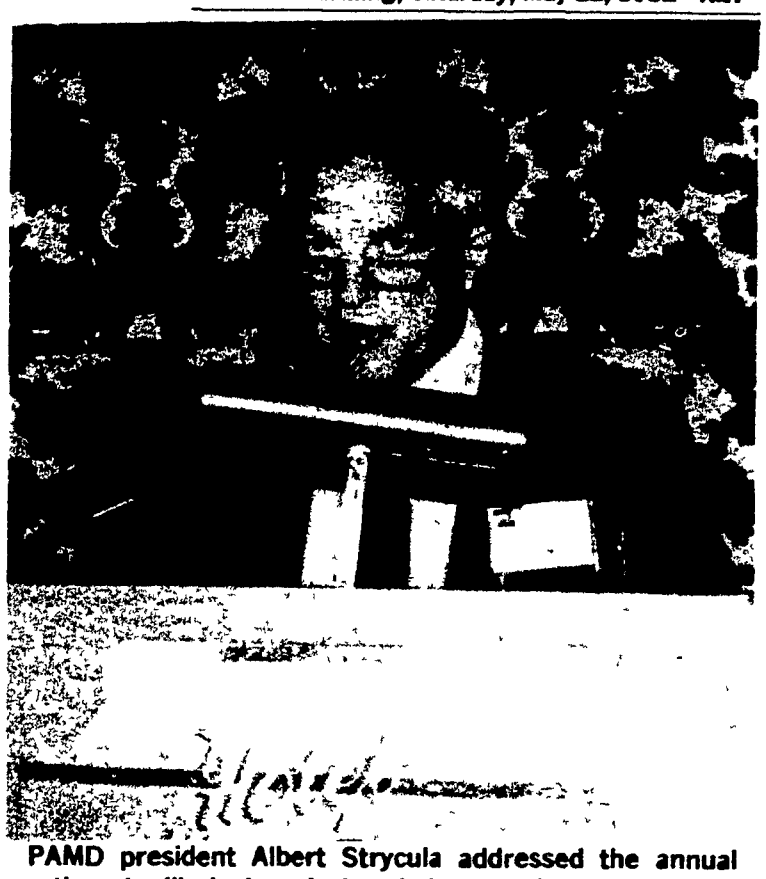
PAMD president Albert Strycula touched on another topic draining dealer revenues. Each year, the loss of milk cases to the general public costs dealers thousands of dollars, said Strycula. An amendment in the proposed Milk Sanitation bill will impose more strict regulations on case use. However, Strycula added that the milk case problem resembles charity in that "it begins as home."

He explained PAMD could render more programs and services with additional finances. And the Milk Marketing Program, which will be decided by a referendum this week, is one program in which the PAMD president expressed an interest.

"We want to get into the game also and not let the farmers carry the whole ball," he said.

The future of the association, said Strycula, could find the PAMD combining milk and ice cream membership. Presently, the PAMD carries 53 dealer members and 30 associate members.

Before the end of the three-day annual meeting, the PAMD filled its executive slate for the 1982-83 season. The following is a list of PAMD officers: President — Albert Strycula, Valley Farms Dairy; Vice President(eastern) — Thomas A. Laudenslager, Wawa Dairy Farms; Vice President(central) — Lehman W. Crist, Rutter Bros. Dairy; Vice President(western) — James G. Turner, Turner Dairy Farms; Secretary — Carl A. Colteryahn, Carl Colteryahn Dairy; Treasurer — Fred B. Dewey, Sr., Harrisburg Dairies; Executive Vice President — Henry R. Geisinger, PAMD.



PAMD president Albert Strycula addressed the annual meeting of milk dealers during their three-day stay at Hotel Hershey this week. Strycula reviewed legislation and member activities of 1981.

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15H219 Duke	+1,370M	69% rpt.	+1.11	1	1	2	1
15H231 Very	+989M	90% rpt.	+.80	1	1	1&2	1
15H237 Oak Star	+1,279M	83% rpt.	+1.66	1	2	1&2	2
15H249 Adam	+855M	70% rpt.	+.96	1	2	1	1
1H267 Eric	+1,529M	98% rpt.	+.56	1	2	2	1&2

(type data is HFA January/82)

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Angus breeder wins award

ST JOSEPH, Mo. — A F "Frankie" Flint, a rancher and registered Angus cattle breeder from Bard, New Mexico, has been named seedstock producer of the year by the Beef Improvement Federation. The award was presented to Flint, a pioneer in performance testing of beef cattle, during the recent BIF convention in Rapid City, South Dakota.

Flint, a member of the board of directors of the American Angus Association for the past six years, purchased his first Angus in the late 1940s. The past 30 years his records show that he has increased the average weaning weights of his claves by some 300 pounds.

For 20 years Flint has been testing bulls at New Mexico State University's all breed Tucumcari test station. During this period the University's records show that he increased on-test weights of his bulls by 50 pounds and increased the 140-day off-test weights by 175 pounds. The average daily gain of his bulls has improved .9 pound per day and the off-test weight-per-day-of-age of his bulls has increased .5 pound. In 1968 he had the first bull of any breed in New Mexico to gain 4 pounds per day for 140 days. In the 1971-72 test four of the bull's sons had the highest average daily gain of any sire group of any breed.

Flint was involved in the organization of the Beef Improvement Federation and served three years on its board of directors. He has served six years on the board of directors of the American Angus Association and has been chairman of the Association's breed improvement committee. He is a 20-year member of the New Mexico Beef Cattle Performance Association and served two terms as its chairman

He was on the board of the New Mexico Angus Association for 15 years and its chairman for 6 years A member of the New Mexico Cattle Growers Association for 24 years he also served six years on their board. In 1980 he was named cattleman of the year by the New Mexico Cattle Growers Association.

Pa. broilers down

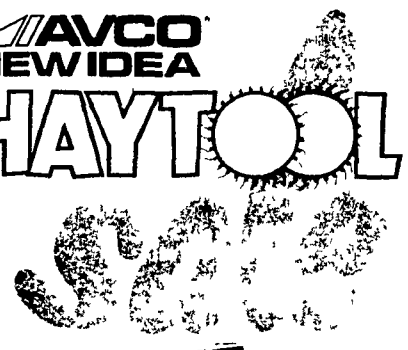
HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending May 8 were 2,389,000, according to the Pennsylvania Crop Reporting Service.

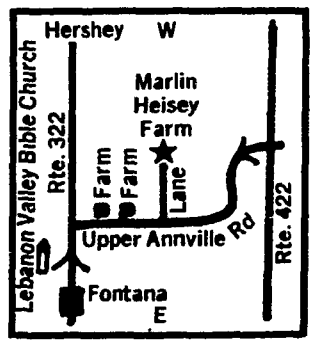
The placements were two percent below the corresponding week a year ago and four percent below the previous week. Average placements during the past nine weeks were one percent below a year ago.

Placements in the 19 key poultry producing states were 85,582,000, fractionally above both the previous week and the same week a year earlier. Average placements in the key states during the past nine weeks were one percent below a year ago.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending April 28 totaled 1,993,000, with an average liveweight of 4.23 pounds.

AVCO NEW IDEA HAYTOOL





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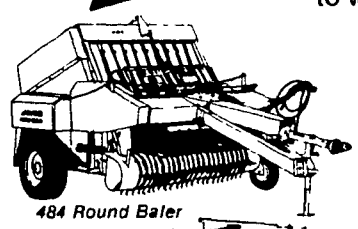
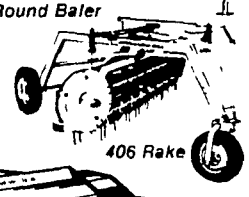

484 Round Baler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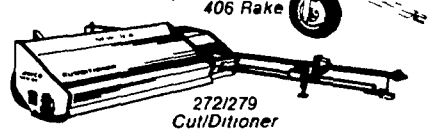
272/279 Cultditioner

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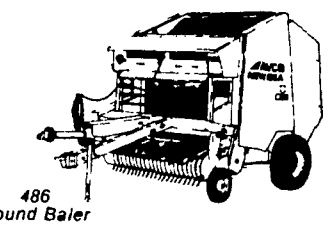
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See you there!

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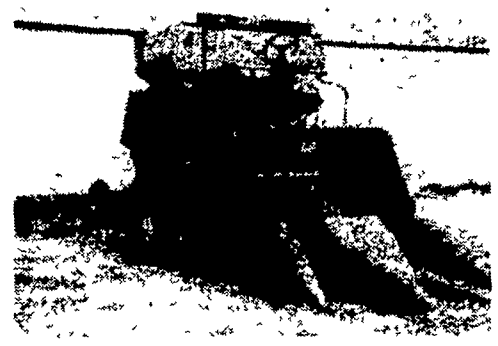

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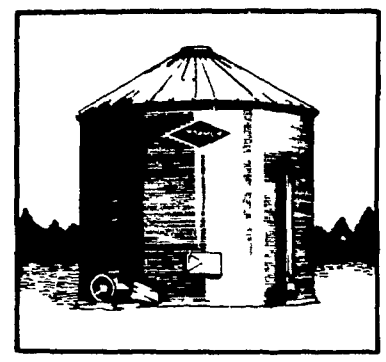

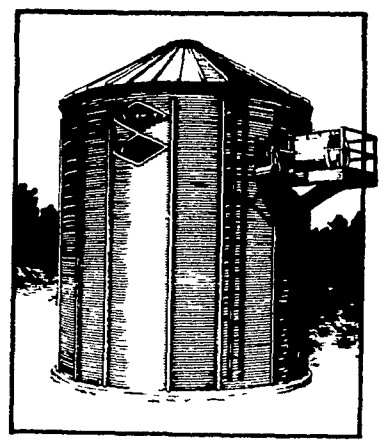

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Livestock market and auction news

Chambersburg Auction

Chambersburg, Pa.
Thursday, May 20
Report supplied by PDA

CATTLE: 437. Compared with last week's market: Slaughter steers & cows .50-2.00 higher. Sl. steers: High Choice & Prime 74.00-76.10; Choice No. 2-4 1050-1450 lbs. 69.85-73.00, couple to 74.00; Good 61.50-68.00, couple to 70.00; Standard 54.00-60.50. Sl. heifers: Choice 65.00-70.00, few to 71.85; Good 60.00-65.50; few Standard 55.00-58.50. Sl. cows: Utility & Commercial 46.00-50.85, few to 53.75; Cutters 43.50-47.00; Canner & L. Cutter 40.00-44.00, Shells down to 38.00. Sl. bulls: Yield Grade No. 1 & 2 950-1980 lbs. 48.00-55.85, one at 60.75.

FEEDER CATTLE: Steers & Bulls, Large Frame No. 2, 400-800 lbs. 47.50-55.00.

CALVES: 546. Vealers about steady. Few Prime 89.00-106.00; Choice 79.00-93.00; Good 68.00-82.00; Standard & Good 70-100 lbs. 62.00-72.00; Utility 60-90 lbs. 50.00-64.00.

FARM CALVES: Hol. Bulls 85-130 lbs. 74.00-100.00, few to 115.00; Hol. Heifers 80-130 lbs. 68.00-91.00. Sl. Calves grading Chioce 250-380 lbs. 60.00-72.00.

HOGS: 58. Barrows and gilts about steady. Couple lots No. 1-3 210 & 249 lbs. 58.00 & 58.50. Sows US No. 1-3 400-550 lbs. 49.25-54.00. Few Boars 47.25-48.75.

FEEDER PIGS 30. US No. 1-3 40-60 lbs. 44.00-53.00 per head.

SHEEP: 55. Spring sl. lambs Good to low Choice 60-100 lbs. 53.00-63.00. Sl. ewes: 12.00-24.00.

GOATS: 3.

Indiana Auction

Homer City, Pa.
Thursday, May 20
Report supplied by PDA

CATTLE: 131. Compared with last week's market: Sl. cows 2.50-3.00 higher. Sl. steers one Choice 67.25; Few Good 60.00-65.75; Standard 51.50-61.00; few Utility 48.50-50.25; Sl. heifers: few Standard & Good 48.00-57.00; Sl. cows: Utility & Commercial 44.50-50.00, few 50.50-51.50. Cutters 41.00-45.00; Canner & L. Cutter 35.00-41.00. Sl. bulls: Yield Grade No. 1, 1020-1725 lbs. 47.00-52.00, few 57.75-60.25.

FEEDER CATTLE: Steers, Medium & Large Frame No. 1, 310-500 lbs. 53.00-60.25; Heifers, Medium & Large Frame No. 1, 300-520 lbs. 43.00-50.00; Bulls, Medium & Large Frame No. 1, 320-615 lbs. 48.50-55.25.

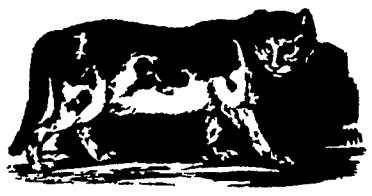
CALVES: 92. Vealers grading Good & Choice 10.00-15.00 lower. Standard & Good about steady. Few Choice 73.00-84.00; Good 65.00-76.00; few Standard 55.00-60.00; Standard & Good 90-120 lbs. 65.00-73.00; 65-85 lbs. 54.00-65.00; few Utility 50-115 lbs. 34.00-50.00.

FARM CALVES: Hol. Bulls 95-130 lbs. 70.00-110.00; few Hol. Heifers 75-90 lbs. 62.00-80.00.

HOGS: 128. Barrows and gilts unevenly steaday. US No. 1-3 210-245 lbs. 58.00-59.25; No. 2-3 195-260 lbs. 53.00-57.50; Sows weak to 1.00 lower. US no. 1-3 300-615 lbs. 50 75-57.25. Couple Boars 39.75 & 45.50.

FEEDER PIGS 9. Few US No. 1-3 35-40 lbs. 36.00-38.00 per head.

SHEEP: 14. Spring sl. lambs one lot Choice 55 lbs. at 75.00; Sl. ewes: 12.00-20.00.



Pa. apple holdings up

HARRISBURG — Pennsylvania apples in cold storage on April 30 totaled 43,806,000 pounds, up 1,007,000 pounds or two percent from a year ago, according to the Pennsylvania Crop Reporting Service.

Of that total, York Imperial apples, at 23,814,000, pounds comprise the largest variety in cold storage for fresh market and processing. They are followed by Rome apples at 6,090,000 pounds, Red Delicious apples at 3,822,000 pounds, and Golden Delicious and Stayman apples, both at 1,764,000 pounds

Potato stocks up 65 percent

HARRISBURG — Total stocks of potatoes stored in Pennsylvania on May 1 were 330,000 hundredweight (cwt.), 65 percent more than a year ago, according to the Pennsylvania Crop Reporting Service Current total stocks are six percent of last year's production of 5,250,000 cwt., compared with five percent on hand a year ago

Potato stocks as of May 1 in 15 major fall states were 46 1 million cwt., four percent above May 1 a year ago, but 23 percent less than on May 1, 1980. Potatoes processed to May 1 in seven major processing states total 94.4 million cwt., 14 percent more than the same period a year earlier

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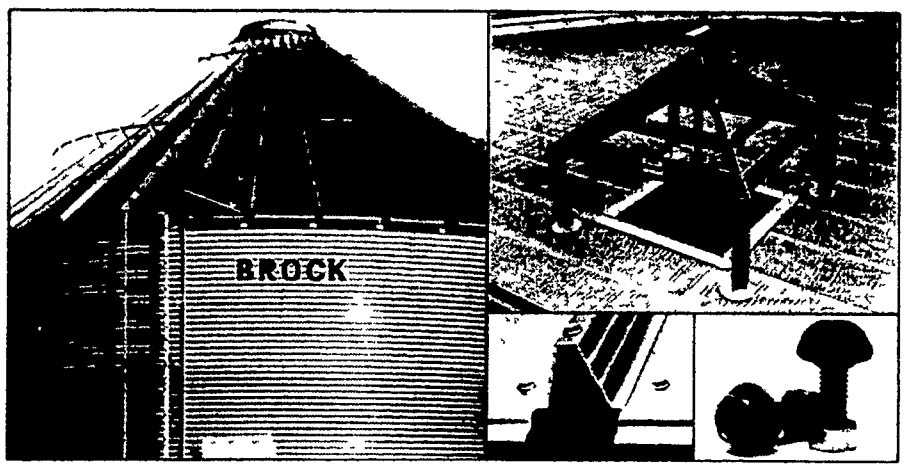

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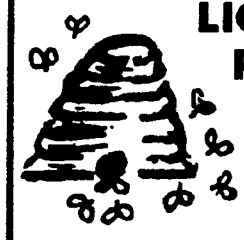

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Curious about biogas from manure?

YORK — Will there be a day in our agricultural future when most livestock farms will process manure for methane production? Could the use of manure for energy production become as common as its use for fertilizing and soil conditioning?

"Many experts feel that biogas production from livestock manure is still in the infancy of its development", reports Deborah Spain, soil conservation technician in the York field office of the Soil Conservation Service.

"Although several universities, professional organizations and manufacturers have tested various models extensively there are still few cold, hard facts."

In an engineering training course held recently, Penn State Extension staff and SCS Engineers reviewed three of the variables of biogas production: temperature of the manure; detention times in the digesting tank; and degree of mixing between solids and liquids.

What experience has shown is that there is no absolute optimum for these variables, reports Spain. There are recommended ranges of digesting conditions, but most operators find that on-site experimentation is necessary to find the best operating conditions for each individual system

"Actually, producing the biogas is the least complicated part of an energy system" Spain comments. The gas collected from decomposing manure is about 60 percent methane. Most of the remaining gas is carbon dioxide.

These gases can be used in a variety of systems to fuel boilers and internal combustion engines for heat and/or electric production. The biogas can be purified and compressed to equal pipeline quality natural gas, used "as-is" for on-farm heating and electric needs, sold as electric power to utility companies, or even used to fire a still or ethanol production. The process of taking the methane gas, converting it into the most useable and economic energy form and putting it to an efficient use is the real challenge for most farm managers, she adds.

"There are several recovery points in an energy system where heat can be recaptured and put back into the processing so that in effect the digesting unit provides much of its own operating energy," Spain explains. "The efficiency which the farm manager can achieve using the energy from the manure will determine the feasibility of any particular system."

"In addition to the energy produced, there are other useful by-products of manure digestion," she points out. The spent effluent is usually separated into solid material and liquids.

Virtually all of the plant nutrients are in the liquid portion. These nutrients are actually in a more available form for crop utilization in this liquid effluent than they are in the undigested manure. However, they are also more volatile and therefore should be incorporated into the soil immediately after spreading. The solid portion of the waste has been reprocessed as feed and/or bedding in most of the experimental systems.

Although the Soil Conservation Service does not engineer biogas digesters, any interested farmer can begin to explore the possibility of using manure for methane production with SCS personnel help.

"The SCS conservationist can inform the farmer of his potential for energy production, give him an idea of costs and benefits, plan his manure management system so that energy production can be included, and assist him in contacting consultants with detailed designs of energy facilities," says Spain.

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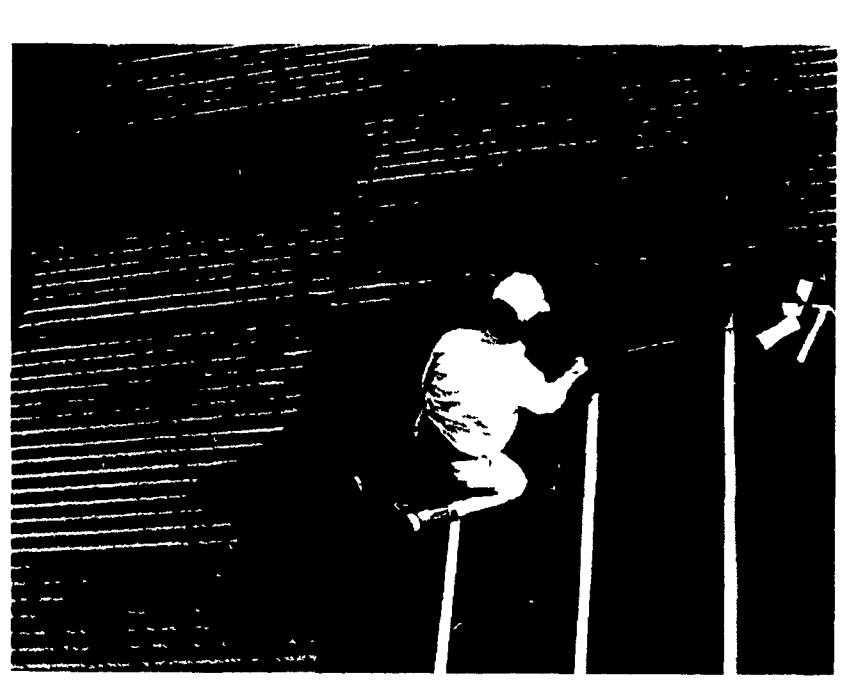

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Stronger import rules for Irish cattle possible

WASHINGTON, D.C. — Cattle imported from the Republic of Ireland will have to meet strengthened brucellosis testing requirements if proposed new U.S. Department of Agriculture import regulations are adopted.

John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service, said recent occurrences of brucellosis in cattle imported from Ireland have made it necessary to require additional evidence that future imports are free of this contagious disease of livestock and humans.

Atwell said the proposed new rules would require imported cattle from Ireland to originate from herds that meet rigid standards of testing to demonstrate they are free of brucellosis This would include negative annual herd tests for the preceding two years, and records showing that additions to the herd have the same brucellosis-free status

In addition to the herd health status requirement, the individual animals would have to pass two negative brucellosis tests with an interval of not less than 60 days nor more than 120 days between tests. These tests would use all three of the accepted brucellosis testing procedures—the plate or agglutination test, the brucellosis card test and the complement fixation test.

The cattle to be imported would have be to maintained for at least 60 days before shipment at a separate isolation facility approved by Irish government veterinarians From that facility they would be shipped directly to the U S port of entry quarantine station without further contact with any other livestock

Brucellosis is a bacterial disease which causes breeding problems and losses from reduced calf crops and lower milk yields

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U.S. Senator battles ag weather forecasting elimination

WASHINGTON, D.C. — U.S. Senator Howell Heflin (D-Ala) has led successful battles in the Senate to save a key agricultural weather forecasting service from being eliminated and to prevent the Federal Trade Commission from interfering with agricultural cooperatives.

In Senate Committee action, Heflin successfully fought an Administration proposal to kill the federal government's only agricultural weather forecasting program—an essential service that saves American farmers hundreds of millions of dollars each year.

Heflin, also a member of the Senate Agriculture Committee, restored the $1.2 million budget for the National Weather Service Agricultural Program.

"This farm weather forecasting service saves American farmers more than $750 million each year in production costs of the major agricultural commodities of cotton, corn, soybeans, livestock, wheat and rice," Heflin said.

"The $1.2 million price tag for this vital agricultural weather forecasting program is money wisely invested in helping farmers with their planting, fertilizing, and harvesting and in insuring an abundant and affordable supply of food and fiber for the American people," he said.

Heflin said he has been told by numerous Alabama farmers that the state's multi-billion dollar agricultural economy is dependent upon the weather reporting service.

"Weather information is especially vital to farmers," Heflin said. "This program provides accurate weather forecasts that keep costs down while increasing farm productivity. This valuable information helps the farmer decide when to irrigate, fertilize, plant, control pests and weeds, and even when to harvest his crops."

Heflin pointed out that the nation's first Agricultural Weather Service was established at Auburn University in 1973. The program is administered by the National Oceanic and Atmospheric Administration.

In Alabama alone, Heflin said, there are 10 NOAA weather radio stations and 76 commercial radio and television stations, newspapers, and cable television systems that subscribe to the agricultural "weather wire."

In other committee action, Heflin led the fight to prevent the Federal Trade Commission from gaining jurisdiction over agricultural cooperatives and farmers' associations.

"American farmers are having a tough enough time making ends meet now without having to deal with yet another layer of bureaucrats in Washington, D.C. meddling in their affairs," Heflin said.

"The U.S. Department of Agriculture was created in 1862 to deal with the problems confronting American farmers," Heflin said. "Granting the Federal Trade Commission jurisdiction over agricultural cooperatives and farmers' associations is unnecessary would only add to the production costs which are already threatening the future of American agriculture."

USDA's goal is energy self-sufficient farms by 1990

WASHINGTON, D.C. — Scientists at the U.S. Department of Agriculture are working on three broad fronts in an effort to help make this country's farms and ranches energy self-efficient by 1990.

Terry B. Kinney, Jr., administrator of USDA's Agricultural Research Service, briefly sketchted the areas of scientific endeavor:

—One project focuses on developing alternative sources of energy, such as solar power for heating and crop drying, wind power for irrigation pumping, manure from cattle feedlots and herds as a biogas fuel, and farm-grown crops — including some weeds — that may be processed into fuels and substitutes for petrochemicals.

—Another project aims to improve the efficiency of plants in converting sunlight to food and extracting nitrogen from the air.

—Still another strives to save fuel by minimizing tillage, using sludge as a fertilizer, developing new irrigation techniques and other direct energy-cutting approaches.

One example of an energy-oriented research project that could pay off big, said Kinney, is the research on soybeans.

USDA researchers are trying to get soybeans to stop wasting carbon dioxide that the plant uses in making sugar in the photosynthesis cycle. Success would mean that farmers could use a third less land and still harvest the same amount of soybeans, hence radically cutting the amount of energy needed to grow food.

About 25 percent of the carbon dioxide the soybean could use for sugar production and growth now is wasted in the photosynthesis cycle as plants change sunrays to food. Stopping that energy waste could lead to as much as a 45 percent increase in productivity for soybeans and other major crops such as wheat and beets.

If a crop utilized 25 percent more carbon dioxide in synthesizing sugar in the plant, farmers could use a third less fuel to grow the same number of plants as before.

Kinney said more details about USDA research designed to save energy in agriculture are available in a 70-page publication, "Energy Research for the Farm." Copies may be obtained from the Office of Governmental and Public Affairs, U.S. Department of Agriculture, Washington, D.C. 20250.

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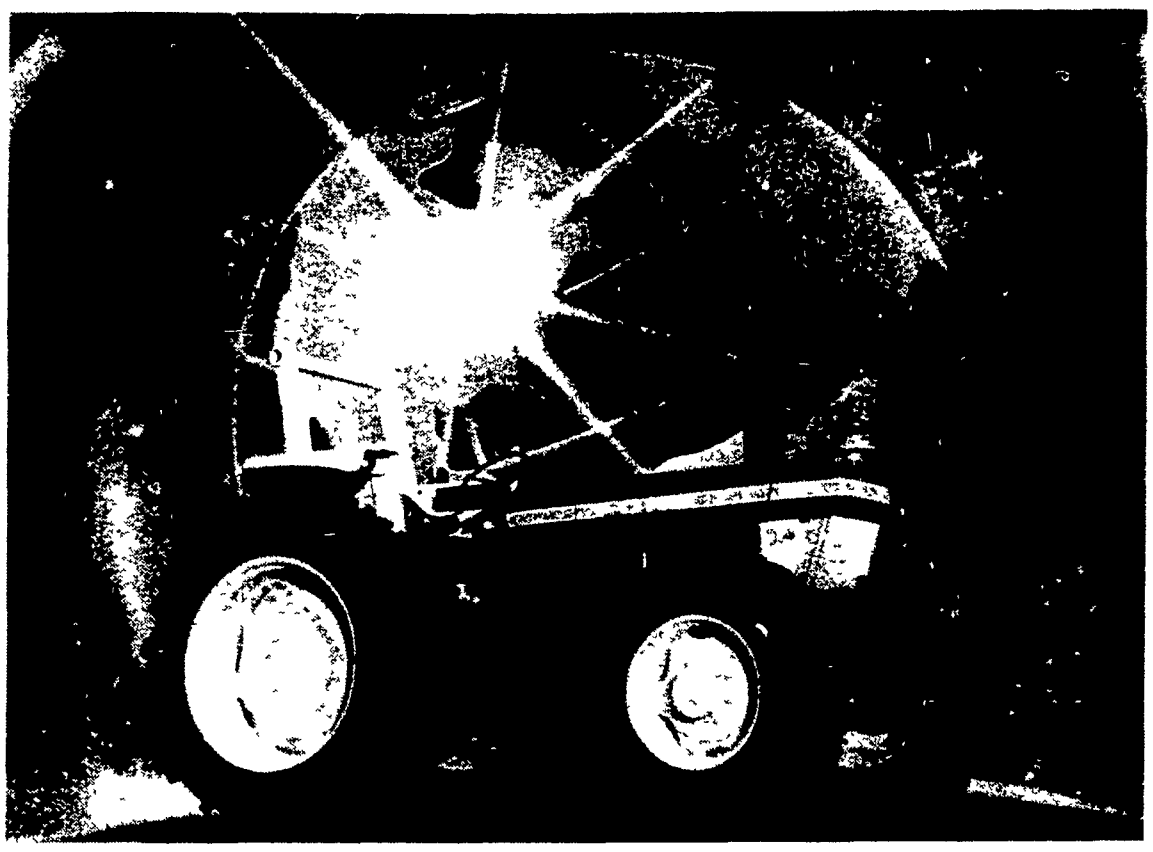

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Ford Tractors Equipment

Ford Tractors Equipment

Junior Conservation Camp scheduled

HARRISBURG — The Dauphin County Federation of Sportsmen's Clubs recently announced plans for the 1982 Junior Conservation Camp which will be held at Camp Shikellimy from June 13-19. According to Joel Myers, secretary for the Sportsmen's Clubs, this year's camp will provide a unique experience for youth between 13 and 16 to participate in actual conservation measures. The camp is co-educational.

Myers explained that the camp is being carried out in cooperation with the PA Game Commission as well as other resource agencies including the Bureau of Forestry, PA Fish Commission, U.S.D.A., Soil Conservation Service, and the Dauphin County Conservation District. Actual practices on work to be done will include timber marking and management, stream improvement, border cutting, planting of animal grains and seed producing plants for wildlife and revegetation of areas previously timbered.

Myers continued by indicating that this year's camp will cost only $75 for a full week, including meals and lodging. Many sportsmen's clubs, service clubs and others will sponsor or partially sponsor students. Anyone interested in sponsoring a student or interested in attending the camp should contact the camp director, Robert Megonnell at 921-2682 or the Federation secretary, Joel Myers at 652-7035 (day) or 921-8775 (evenings). Entries should be submitted by May 31. Attendance is limited to 50 students.

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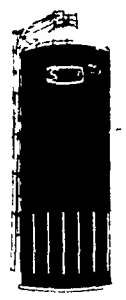

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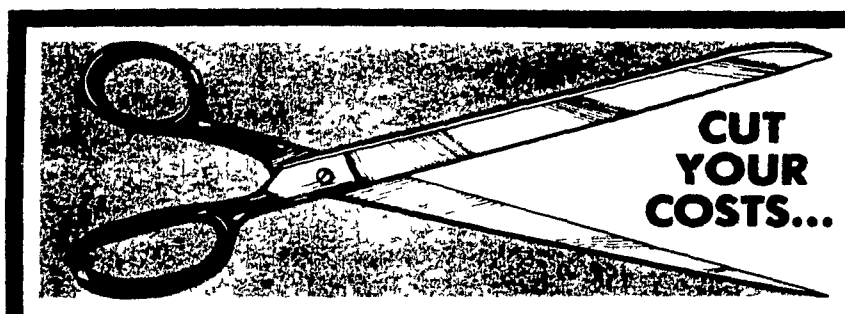

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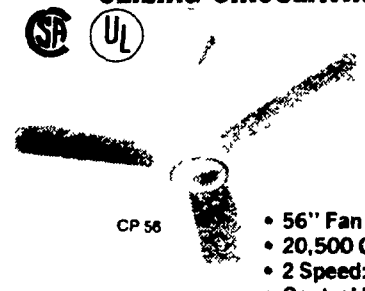

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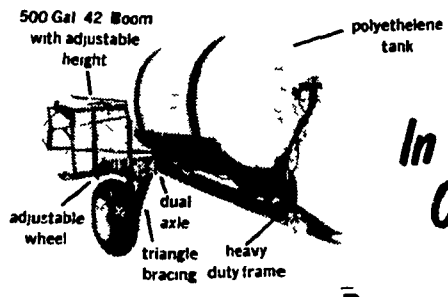

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(2) 500 gal. trailer	1589.95	1399.95

Less: Tires & Pump

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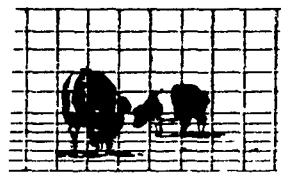

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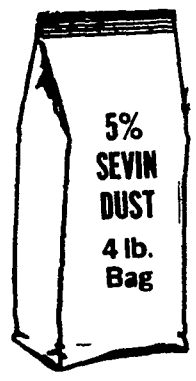

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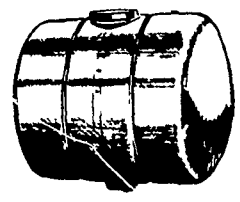

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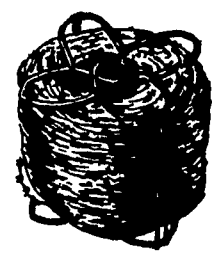

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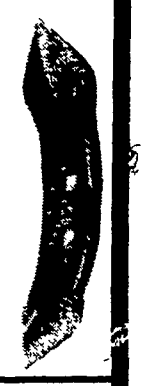

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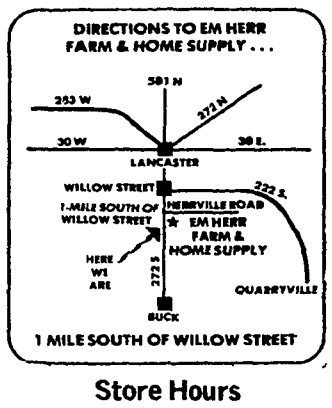

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When you get ready to haul manure, the mixing capability of this unit really goes to work for you. The top opening with a flexable snout moves up and down and sideways to allow you to discharge a stream of liquid in any direction to break up the top crust. At the same time, you can start a stirring action at the bottom of the tank by forcing liquid out the lower opening of this unit.

So don't worry if you will get the manure out of your above-ground liquid manure tank any more Write to **US Farm Systems of Pennsylvania, 3053 Barren Road, Oxford, PA 19363.** Or call today for an action-packed demonstration. Phone **(301) 398-2948.**

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Farm Talk

Jerry Webb

A mule of a different color

One of the surest ways to start an argument among today's farm youth is to issue a challenging statement about which farm tractor is best. They'll debate the merits of the big green ones versus the big red ones until the sun goes down, each being totally sure that the brand of tractor their father prefers is by far the best.

Such debates have gone on as long as there have been tractors. I can remember arguing the power and ease of handling of a Farmall compared to the unique hand clutch and horizontal pistons of a John Deere. We were faithful to the tractors of the day without benefit of the knowledge required to make a meaningful comparison.

When the first little Ford tractor came along with its cute little three-point hitch, we rejected it without another thought. After seeing an inexperienced operator set his field cultivator so deep he couldn't pull it, we decided the concept would never work.

Thus we, in our teenage wisdom, excused a concept that was ahead of its time. The three-point hitch has been accepted, in fact adapted, by every major tractor manufacturer in the world. Meanwhile, the hand clutch and horizontal piston engines we defended so stoutly are museum items.

We were able to foresee the rise of tractor power and the demise of horsepower. That happened during my youth and those of us who spent some time following a team of horses and then got to drive a tractor knew that horses were on the way out. But they weren't dead yet.

And while the farmers of the future argued the merits of green and red tractors, the older generation was still trying to decide whether a horse was a better worker than a mule Believe me, that was a hot topic in the Missouri Ozarks prior to World War II It's an issue that to my knowledge was never really settled For every good reason one farmer had to work mules, another had even better reasons in favor of horses

Curt Williams was perhaps the only farmer in our neighborhood in a position to decide such an important question. You see, he kept both horses and mules and was known to work them side by side Some of the oddest-looking hitches ever seen were put together by old Curt each spring.

He was a mule trader by profession — that is, he bought and sold mules and some horses for a living. His farming was done to provide feed for the mules and to give them some work. So on the first warm day of March when the ground was finally dry enough to plow, Curt could be found breaking young mules to work.

His favorite technique was to put one wild, unbroken mule between two large, predictable draft horses. The three of them would then be hitched to a sulky plow.

It was a high risk business to say the least — there's nothing wilder than a three-year-old mule that has never even seen a set of harness. So the mule would be cross tied in the barn hallway and the harness lowered gently in place from a large hole in the loft floor. Then, if all went well, it would be fastened in place through some careful maneuvering. If all didn't go well the mule would be virtually hog-tied, and after much struggling and cursing would be harnessed anyway.

Once secured between two big horses and anchored to a heavy plow, there wasn't much chance of a runaway The mule would usually lunge forward and then lay back until he figured out the plan By the end of the day he'd be doing his share. With luck, Curt could get all of his mules broken to harness and his ground tilled at the same time Then he could start pairing up the good ones — matching them as to size, color, characteristics and work habits, and begin looking for buyers

While most farmers in that neighborhood clung steadfastly to the merits of horses and farmed with big Percheron draft horses, Curt preferred mules He kept some horses and he bought and sold horses, but he was convinced that a mule would work harder, pull more, eat less and not have to rest as often He always claimed that a medium-sized mule, weighing less than 1,500 pounds, could out-work a 2,000 pound horse

Although his claim was probably right, he didn't win many converts His neighbors kept their horses because they preferred them, and Curt sold his mules farther south where they were better liked

Meanwhile, times changed and those farmers who preferred horses found they really preferred tractors And so one at a time the jobs that required animal power were eliminated The last job, check-row planting corn, was taken over by tractors soon after the war and the great debate between horses and mules became academic That's about the time that tractor colors became important.

It's a funny thing the way tractors are associated with colors Automobile brands come into a rainbow of colors — colors that change with each new model But a John Deere tractor is a certain shade of green — the same green for 50 years That's also true for International Harvester (red) and Allis Chalmers (orange). Ford started out gray, then turned blue. Some of the others have changed colors as they sought to change an image or were bought up by another company, but those were one-time changes

Once decided, a tractor color stays the same for years — even generations.

And so the final question must be asked, "Would a John Deere in any other color still be a John Deere?" Ah yes, a rose is a rose is a rose

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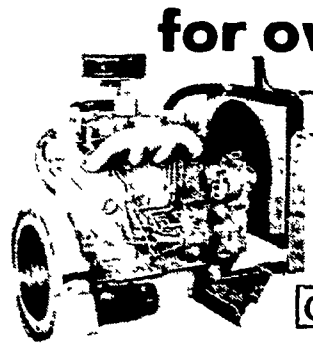

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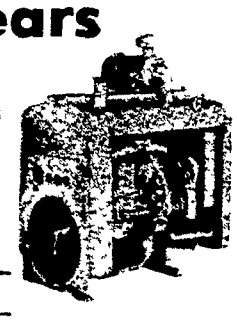

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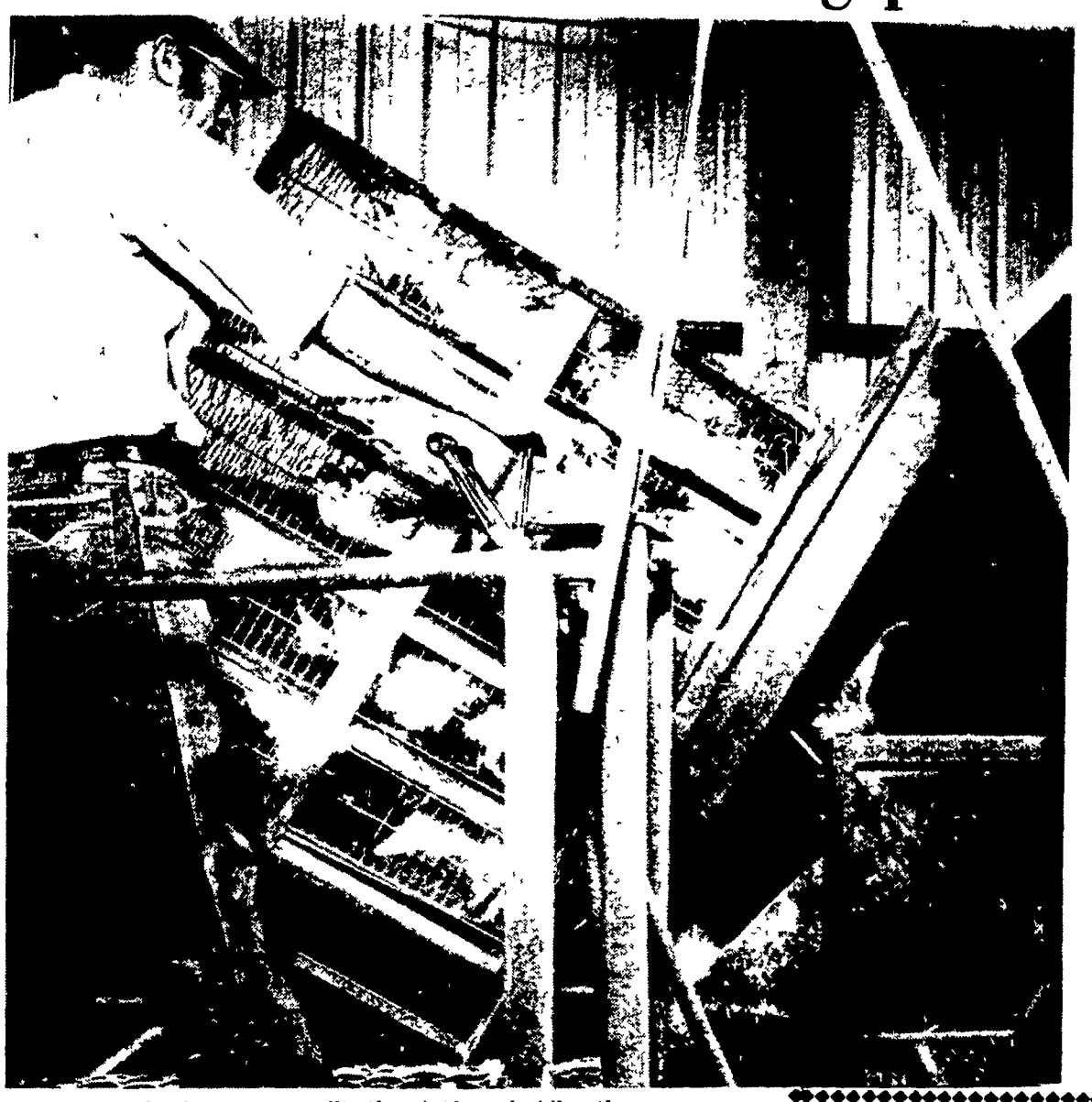

As the operator tilts the platform holding the poultry cage, the broilers slide slowly out onto a conveyor belt. This revoluntionary new system pays off both for farmers and processors, reports USDA.

ATHENS, Ga. — A revolutionary new system developed by Agricultural Research Service engineers for handling live broilers from the farm to the processing plant is paying off in dollars—and sense—for the poultry industry.

From a 1980 prototype installed at cooperating Marell Poultry, Inc , Murrayville, Ga., the system has evolved to successful installations in processing plants in Georgia, Texas, Arkansas, Mississippi, Florida, Virginia, and Maryland, with others yet to come.

Agricultural engineer A. Don Shackelford, former engineering technician John H. Holladay, and former agricultural engineer William K. Whitehead conceived and developed the innovative system at the Richard B. Russell Agricultural Research Center, Athens, Ga. According to Shackelford, industrywide adoption could reduce the costs of marketing poultry by approximately $48 million annually.

One major key to the success of the new system is the use of a large-capacity metal cage, which replaces about 30 standard poultry coops for transporting live chickens. With the new cage, chickens are transported more economically and more safely and humanely.

"Practical experience with industrial receiving dock handling of the cages proves that the system can handle and empty 30 cages per hour," says Shackelford. "This represents a production rate of about 10,000 broilers per hour. For example, 30 of the new cages can handle a production rate of 9,600 broilers per hour compared with 800 coops per hour for a comparable number of broilers."

A typical poultry transport truck that normally hauls 520 standard coops is now loaded with 20 cages, which can transport 1,000 broilers more than normally transported in coops.

The chickens have adequate space in the large new cages, and in actual practice are loaded in accordance with the season. In warm summer months fewer birds are transported per unit of space than in winter.

The three main developments of the coopless transport system are large transport cages, hydraulic boom clamps mounted on powered lift trucks, and cage unloaders and conveyors for receiving dock handling of the containers and broilers

The cage, 48 inches wide, 96 inches long, and 52 inches high, is divided into 10 compartments, 5 tiers high, with 2 compartments per tier. The frame is constructed of rectangular and square steel tubing. The sides and top are expanded metal spotwelded to the frame. Floors are galvanized metal.

Hinged compartment doors are

(Turn to Page A37)

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		*dry matter basis	

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Test-tube wheat speeds new variety

BELTSVILLE, Md. — Tomorrow's amber waves of grain have already 'taken root' in the confines of brightly-lit growth chambers here. The chambers contain experiments in another culture, a laboratory system to breed new crop varieties.

Research geneticist Stephen Baenziger of the USDA's Agricultural Research Service reports that the system could change and speed up the way plant breeders improve wheat, the world's most important crop.

Anther culture is the generation of new plants in test tubes from bits of anthers, the male parts of flowers (also called pollen sacs). After tiny plantlets develop, they are transplanted to soil and evaluated for possible improvements, Baenziger says.

Breeders routinely look for new plant features that could make crops more productive, more nutritious, disease-resistant, or stress-tolerant. Baenziger says new wheat features, "unmasked by genetic changes from anther culturing, can be captures in pure breeding lines", or genetically-stable breeding stock.

He and colleague Gideon Schaeffer, an ARS biochemist, have made rapid progress in applying "the advantages of anther culture to standard breeding practices that directly affect the over 80 million acres of wheat planted each year in the U.S."

Since 1978, Baenziger and Schaeffer have identified wheat varieties well-suited to anther culturing, defined complicated artificial media for test-tube growth, and regenerated numerous types of wheat plants from anthers. They have collected over a pound of seed from some anther-cultured wheat. Recently, cooperators in Idaho and elsewhere have begun field-evaluationg plants grown from the seed.

In greenhouse tests, the scientists have already found unexpected variations in anther-generated wheat, such as height differences and changes in seed head structure, that may affect future wheat varieties.

Anther culture also saves plant breeders precious time, said Baenziger. "In a 10-year wheat breeding program, for example, inbreeding to obtain pure lines takes the first five to six years With anther culture, we get pure breeding lines in one to two years "

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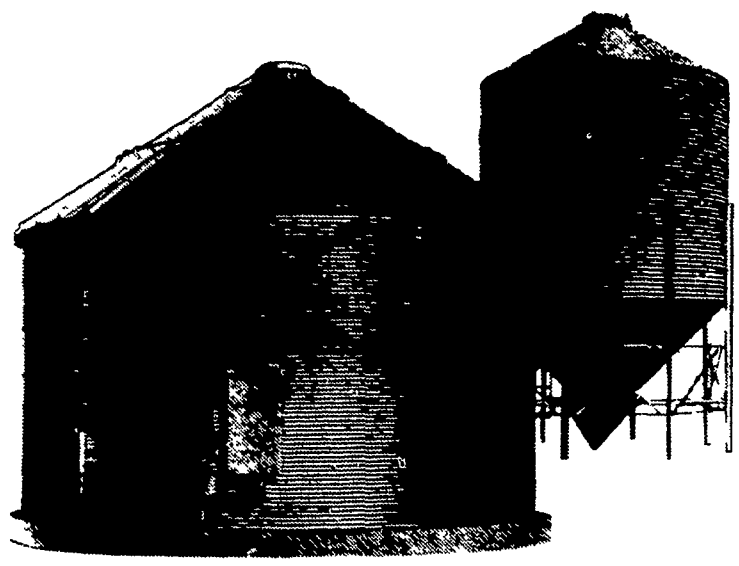

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Broiler handling process

(Continued from Page A36)

designed to stay safely closed when the cage is handled by the lift and truck during transportation

The boom clamp telescopes horizontally and vertically for positioning over the cage, controlled by the lift operator who regulates the rate of emptying broilers. The cycle time of the tilting platform for rotating the cage, emptying the broilers, and returning is about 10 seconds

Hoppers mounted to the support frame of the unloader provide a smooth, slippery surface or sliding the broilers from the cage to the belt conveyors.

This is how the process looks to an observer.

The transport truck loaded with empty cages arrives at the poultry farm and the truck is positioned near the broiler house

The lift truck operator positions the cage inside the house near the broilers, rotates it about 20° and lowers it onto a 20-inch-high portable stand in the center and under the door side of the cage A six-person catching crew picks up the broilers, and after the cages are loaded one attendant secures the door and counts the broilers.

The broilers slide down the inclined floor toward the rear of the compartment and easily regain their balance. There is no "pile up."

At the receiving dock of the processing plant, the loaded transport truck is driven onto the unloading apron near the receiving dock conveyor. When the lift truck puts the cage on the conveyor, the operator releases the clamp and returns to the truck for another cage.

The cages are conveyed onto the tilting platform of the unloader for automatic broiler removal As the cage is tilted about 48° from hortizontal, the birds gradually slide toward the side and their weight opens the spring-loaded cage door. The broilers then slide out slowly onto the hoppers and onto the belt conveyors without injury

The top two layers of broilers are emptied onto the top belt and the lower three layers are deposited onto the bottom belt The top belt travels in a direction counter to the bottom belt, maintaining a constant flow of broilers to the bottom belt and providing added broiler storage when the cage is emptied

Inside the hanging area the workers remove the broilers from the conveyor and place them in the picking line—another advantage over manual removal from coops that contributes to the safety of the chickens

Broiler companies report a reduction of 10 to 20 workers, says Shackelford

"There is a significant improvement in grade and higher yields. Maintenance costs of the cages are also lower compared with coop systems "

Japanese beetle invasion soon to begin

BY DEBBIE KOONTZ

LANCASTER — Get ready for the Japanese beetle invasion.

Every summer this voracious pest works its way out of the grub stage in the soil and, fully mature, flies into fields and gardens to feed on leaves and fruits of over 300 plants.

The Japanese beetle has already caused more than $20 million in damages to plants, flowers, crops and lawns, reports Health-Chem Corporation from New York.

According to Jay Irwin, senior Extension agent from Lancaster County, the largest concern to homeowners at the present time should be their lawns, as the beetle is now in the grub stage, existing entirely in the soil and feeding on grass roots. Mid-June through August is the time to worry about damage the adult beetle can cause.

The female beetle usually lays 40 to 60 eggs, but can lay as many as 130. The eggs are laid from July to early September, and take from 10 to 21 days to hatch into beetle larvae or grubs, according to Health-Chem. The grubs move down into the soil when cold weather comes and remain inactive; but they stay within the top eight inches of soil Then they begin feeding on roots again in the spring. Next they change to the beetle form and come to the surface to begin the cycle again.

The grub, whitish in color with brownish hard ends and brown hair, feeds on the roots and underground stems of a wide variety of grasses and plants, especially the roots of sweet corn, beans and tomatoes. If grubs are numerous, they can cause injury to the turf. This can be noticed by areas of dead grass in late summer.

Grub injury to lawns usually can be controlled with application of chemicals.

The transformation of a grub to an adult takes place in the upper layer of the soil. The adult is approximately ½ inch long and has a bright metallic green body with coppery brown wings. It also has five patches of white hairs along each side and two patches in the back, just under the edge of the wings.

The adult beetle's flying activity lasts for 2 to 3 months, but has a peak period of 4 to 6 weeks. On the average, the beetle will live from 40 to 50 days. In the Pennsylvania region, these beetles begin to emerge in mid to late June.

Though beetles rarely eat unripened fruit, they will feed on ripe fruit until nothing edible is left. They also attack leaves, chewing out the vein. All that is left is a lace-life skeleton, says Health-Chem.

Damage to corn can be intense also, according to Irwin. The beetles eat the silk as fast as it grows, keeping kernels from forming.

The November issue of **Agricultural Research**, a publication of the United States Department of Agriculture, reports that the Japanese beetle originally made its way to the United States in 1916, probably in a shipment of iris. The beetle, first identified in Riverton, New Jersey, has spread north into southern Maine and southward into Georgia and the Carolinas. Kentucky, Illinois, Michigan and Missouri have all reported major invasions also.

According to **Agricultural Research**, the beetle now has a force covering more than 300,000 square miles. The beetles are working their way into Canada, destroying as they go: lawns, golf courses, pastures, corn, tomatoes, strawberries, soybeans, grapes, roses, and the list goes on.

Though the number of beetles is increasing, so too are the amount of controls available to the farmer and homeowner. Nature's natural control for the beetles is the bird; specifically starlings and sparrows.

But more effective than birds are the vast variety of chemical insecticides available which combine two attractive, irresistible lures for the pests: food and sex.

One of the best basic lure materials currently in use is phenethyl propionate, called PEP. It was developed by Agricultural Research Service scientists at the Japanese Beetle Research Laboratory, Ohio Agricultural Research and Development Center, Wooster, in 1970, patented by USDA, and licensed by commercial companies.

According to **Agricultural Research**, "The lure materials are attached to two metal or plastic plates fastened to each other at right angles with a funnel-shaped piece at the bottom. The beetles, not noted for their grace and agility, fly along following all the smells until they bang into one of the plates, fall down the funnel into a bucket or plastic bag, and are trapped. When the sun shines on the container, it heats up and the beetles normally die of heat stroke."

The synthetic sex attractant was produced originally by ARS. Since then they have added the drawing power of the rose's smell and the sex attractant to the trap

According to research conducted by the ARS, the combination of attractants during the peak period averaged 2,507 beetles per trap per day. Traps baited only with the sex attractant averaged 1,186 beetles and those baited only with food attractants caught 652 beetles per trap.

Adult Japanese beetles feed on leaf tissue between the veins, leaving a lacy skeleton. They often mass on ripening fruit, feeding until nothing edible is left.

Japanese beetle larvae: white grubs spend this life stage in the soil feeding on roots of plants, particularly grasses. The damage often goes unnoticed until the plants are permanently stunted or die. Photos courtesy of Agricultural Research Service.

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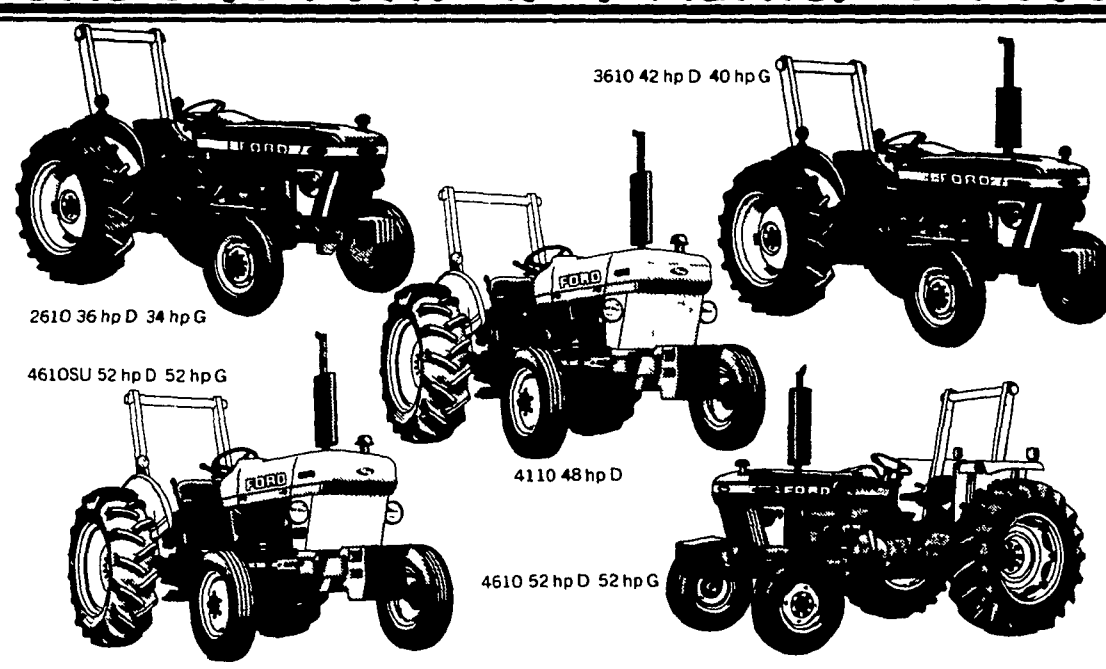

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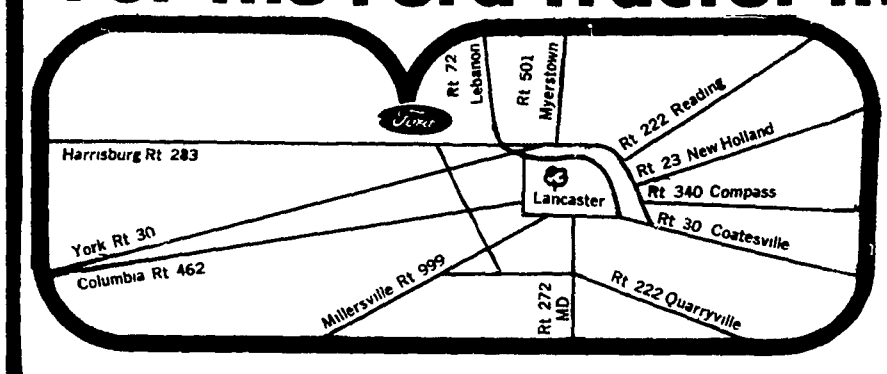

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Better insecticide sprayer sprays less

WOOSTER, Ohio — Applying insecticides with modern equipment — and only when and where needed — reduced the amount of chemicals applied to high-value row crops by about 50 percent.

T.L. Ladd, Agricultural Research Service research entomologist, used a sprayer turned on and off automatically by a photoelectric control. The intermittent sprayer was developed and tested by Agricultural Research Service agricultural engineer Donald L. Reichard.

It projects an infrared light beam across the plant row as the machine moves across the field Plants interrupting the light beam automatically trigger the unit and get sprayed. When the light is not interrupted, no spray is applied.

Ladd and Reichard have been working with various intermittent sprayers and application systems for several years For the first time they have used the photoelectrically controlled sprayer in conjunction with insect population counts.

Ladd checked both spring- and summer-transplanted cabbages for signs of cabbage loopers and imported cabbage worms. When numbers reached a potentially damaging level, he applied an insecticide treatment.

The researchers, including Ohio Agricultural Research and Development Center entomologist Donald E Simonent, are all stationed at the Center, Wooster, Ohio They compared the amount of chemicals used by their system with a weekly insecticide application by a continuous spray system typically used in production of commercial fresh market cabbage

"We used less than half as much insecticide on the summer planting with our system as we did with the weekly, continuous spray method," Ladd says "When we used the intermittent sprayer weekly, regardless of the insect population, we still used 40 percent less insecticide.

"The chemical amounts used clearly demonstrate the advantage of basing applications on population counts or other evidence of insect activity Even with the continuous sprayer, when applications were based on population counts, 26 percent less insecticide was used compared to the weekly spray schedule," Ladd says.

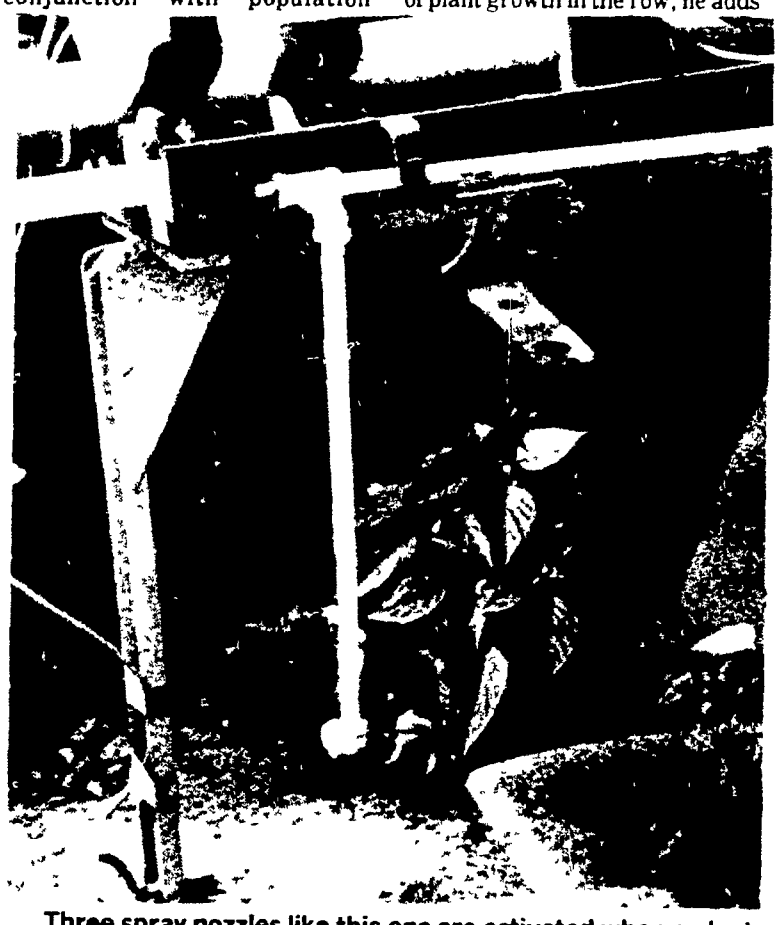
Insect infestations in cabbage transplanted in the spring were so small and late that both the continuous and the intermittent treatments based on population evaluation used 75 percent less insecticide than the weekly, continuous spray treatment The intermittent treatment, applied weekly, used 21 percent less insecticide than the continuous sprayer

"No significant differences existed in the numbers of insects or in the quantity or quality of cabbages produced under any of the spray systems," he says. "All treated plots of summer cabbage yielded at least 50 percent more than untreated plots In fact, for the fresh market, nearly all the untreated cabbages were unmarketable."

The differences in the amount of insecticide used are largest while plants are small After plants grow to fill in the entire row, the intermittent sprayer applies insecticide most of the time anyway, the same as the continuous sprayer, Ladd adds

"It seems to me that photoelectrically-operated intermittent sprayers, used in conjunction with population counts, could well reduce the amounts of pesticide needed to control pests in a number of situations, particularly where small transplants or newly emerging seedlings are subject to early or massive attack by insect pests or plant disease organisms," Ladd says

The amount of chemical that can be saved depends on the crop, planting date, spacing within the row, pests of the crop, time of appearance of the pests, rapidty of population buildup, and the speed of plant growth in the row, he adds



Three spray nozzles like this one are activated when a plant interrupts an infrared light team. Photoelectric transmitter and receiver are mounted slightly in front of the nozzles.

USDA technician Charles R. Buriff tests the sprayer on young pepper plants at the research center at Wooster, Ohio The insecticide is applied intermittently so that only the plants are sprayed.

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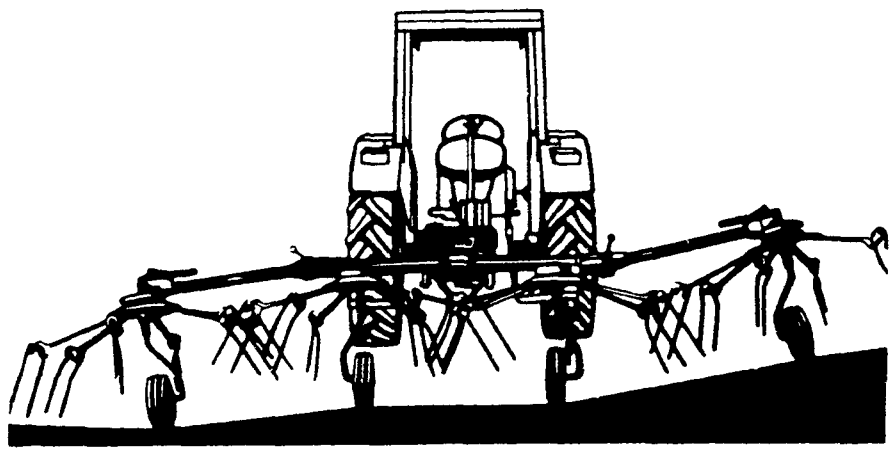

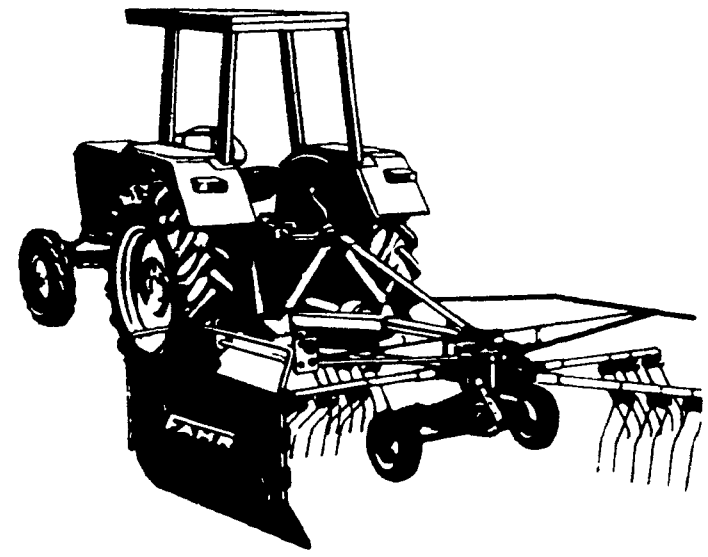

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Cattle painter combines dairy experience with artistic talent

BY BETH HEMMINGER
Staff Correspondent

Debbie Cornman finds inspiration in rolling hills, green pastures, and the majestic cattle that roam them Debbie is a painter.

Her cattle-painting career has grown over the years from a childhood interest in art and interest in showing and judging 4-H dairy animals, to today-being the wife and partner of dairy farmer Steve Cornman. This young couple resides at Justa-Beauty Holsteins, Boiling Springs, with their 11-month old daughter, Rebecca.

Debbie said, "It all started as a child, I had a tremendous interest in sketching and painting. Then in high school I pursued this interest indepth, taking all the art classes that were available from seventh through twelfth grades."

Shortly after graduation, the novice artist pursued her interests even further enrolling in Pucci's, a local art studio, hoping to enrich her skills in the various methods of painting.

She said, "At that time I was unsure of the method of painting that I enjoyed the most, so I dabbled in all of them—oils, watercolor, pastels and acrylics. After a year of discovering, I found that oil painting was the most enjoyable medium for me."

Then, in 1978, Debbie's life took a new twist. Debbie and Steve were married and pulled up roots and moved 3,000 miles from Cumberland County, Pennsylvania to Fresno, California, where Steve was working as an assistant herdsman at Producers Bar 20 Dairy.

Debbie stated, "I was excited about moving. I would soon be encountering new scenary, new places, and new people, that I hoped would some day become a part of my painting career."

And as she had hoped, it did. After settling into their home at the ranch, Debbie searched the area and found a nearby studio where she could continue her time-consuming avocation of oil painting

The painter studied at the Langdon Studio in Fresno for four years concentrating on oil and decorative painting. And during that time she made her first attempt at a portrait of a dairy animal. She added, "I have my husband to thank for that."

Steve said, "During an intensive six-week course at the studio in animal portaits, she did some exceptional work, so I later asked her to paint a favorite animal of mine, Justa Beauty Ideal Jenny. Debbie added that that was the beginning of her portrait painting.

"My 10-year experience in the 4-H dairy club and four years of concentrated judging practices and competitions and winning the state competition at Penn State has helped me in painting the animals realistically. As a painter, I feel comfortable painting the beautiful beasts because I know their body parts, their structure and the angels in which their bodies move."

The portrait painter has sold several paintings by request to dairymen in the California area. And, at the 1980 National Holstein Convention Art Contest, she sold her entered painting to Gerald Hall, a dairy farmer from New Jersey.

Debbie has already entered an oil painting in this year's National Holstein Convention Art Contest and is hopeful for a ribbon and sale. She described this year's entry as a dairy landscape with an open meadow dotted with black and whites in the finest detail, and in the background looms the barn and noble mountains beneath a beautiful sky of blue hues.

Debbie stated, "After describing a painting like this, it sounds rather simple, however, an oil painting usually takes weeks or months to complete."

"Painting is not an awesome form of creation, with a few strokes of the brush here and there and you have a marvelous painting," said Debbie. "I feel it is like constructing a building working step by step. And your very first step is to establish a base."

You establish a base by sealing the canvass with a solid color usually of acrylic type paint which penetrates through all the grooves. This basic preparation creates a smooth surface for the paint to glide smoothly over. After the sealing agent is applied the canvas is ready for the building materials, the picture and color.

She said the next step for most painters is to sketch their idea on paper, checking the size, proportion, and most important appeal to either themselves or the customer. Then, the sketched picture is transferred to the canvas taking painstaking efforts with each particular detail.

The final step is preparing the palette of colors for the painting. "Preparing the colors is not the easiest of the painter's tasks, but is one of the most important," said Debbie. Her method is working with the palette of colors after she

(Turn to Page B4)

In addition to cow portraits, Debbie enjoys dabbling in farming landscapes. This landscape, to her right, was selected as a prize-winning painting by a local gallery owner. To the left is a favorite portrait to the Cornman family - Fista Grand Admiral Trixie.

Homestead Notes

Steve Cornman finds a special joy working with his father's top-notch herd of Justa Beauty Holsteins. Here, Steve is milking one of the farm's high producers, Justa Beauty Trixie Libby.

Debbie, Steve and Rebecca Cornman take a long, needed break on the back of the farm pickup after a day of field work, milking and of course, painting.

Along with the oil paintings, Debbie has become skilled at decorative art painting on wood and finds the colors and designs a real treat to work with. She had recently become a member of the National Association of Decorative Art Painters.

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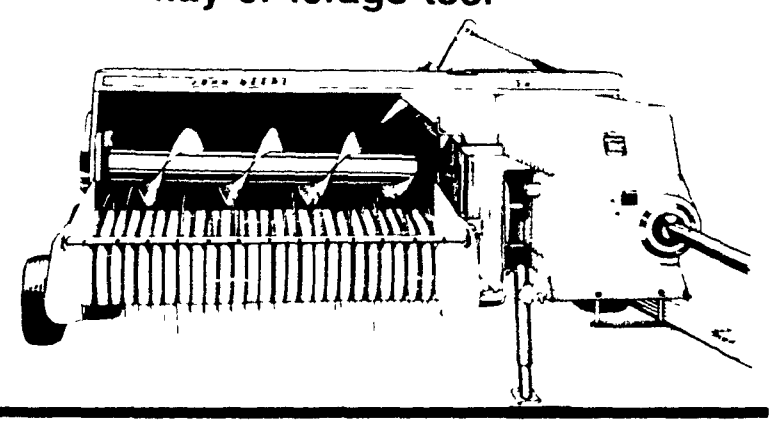

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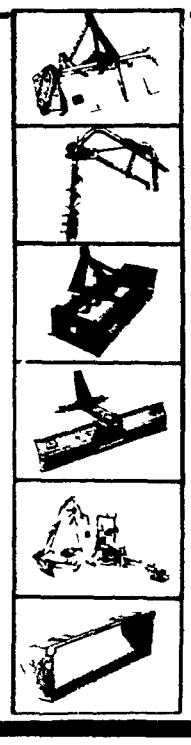

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Cattle painter combines talents

(Continued from Page B2)

has taken a close look at the real object she is painting, and searching out of the various colors and shades of the object to give her painting life. "And once you have found the true-life colors, you are one step closer to a 'work of art'."

But, painting isn't all this artist does. She has a strong interest in the dairy operation where Steve works for his father at Justa Beauty Holsteins.

Steve is a Delaware Valley graduate with a Bachelor of Science Degree in dairy husbandry. At the home farm he still plans to carry on his dairy husbandry work doing veterinary work, giving shots, treating mastitis, taking blood samples, etc.

Steve stated, "Since the move home, I can see the many differences of a large operation of 300 to a dairy of 32. The small dairy farmer has the advantage of giving his animals special care; however, the large dairy has a larger volume of proudction and can implement costly management methods to continually improve production.

"Nevertheless," said Steve, "I feel that many of the management methods can be used on a small dairy such as a cost-effective feeding program, individual hutches for calves, dry cow programs and more. Through all of the these methods I am confident that my father and I can increase our production per cow."

Along with Steve, Debbie has become part of the management team helping with the milking and eventually plans to work with the farming accounts and work out the mathematical dilemmas that appear in every businessman's accounts.

Steve counterbalances his wife's interest in farming with his newfound interest in art. Debbie said, "It is great to have someone encourage your efforts and hardwork like Steve does."

"The future holds some exciting opportunities for me as an artist," said Debbie. "Since the move back to Pennsylvania I have been searching and discovering new ways to become 'known' in the area and have found a local studio and numerous art fairs, and craft shows that I plan to display my art work at."

U. of D. agriculture students receive honors

NEWARK, Del — Top-achieving students in the College of Agricultural Sciences were recognized during recent Honors Day ceremonies at the University of Delaware for accomplishments in scholarship and leadership, and for contributions to their respective colleges and as well as to the campus community

Joining the university's 1982 panel of distinguished seniors was plant science major Andrew H. Paterson, of Glen Mills, PA. The panel is comprised of one student in each college, selected for outstanding academic and personal qualities. Paterson is graduating with a degree with distinction and has been elected to Phi Kappa Phi, a national honor society.

The Alpha Zeta prize went to Cynthia A. Terway, Yeadon, Pa. as the highest ranking sophomore in the College of Agricultural Sciences. She was also one of four students selected to receive a scholarship from the Christian and Mary Lindback Foundation.

Sheelagh W. Clark, Malvern, PA, received the Honors Day book award, which goes to one sophomore or junior in each college.

The Wall Street Journal award went to Dane K Andersen, Warren, N.J. Another university-level award, this recognizes one outstanding senior in the College of Business and Economics and one in the College of Agricultural Sciences

The NFBA Education Foundation, Inc., award went to Dwayne A. Schoenberger, Nazareth, Pa.

A number of agriculture majors also received recognition at the college level. Recipient of this year's Ralston-Purina award was Colleen M. Denney, Newark, Del. She also received a Carvel Agricultural Scholarship as well as the Department of Agricultural Engineering faculty award.

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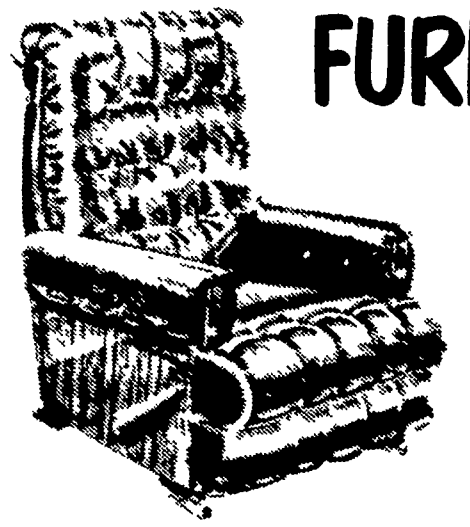

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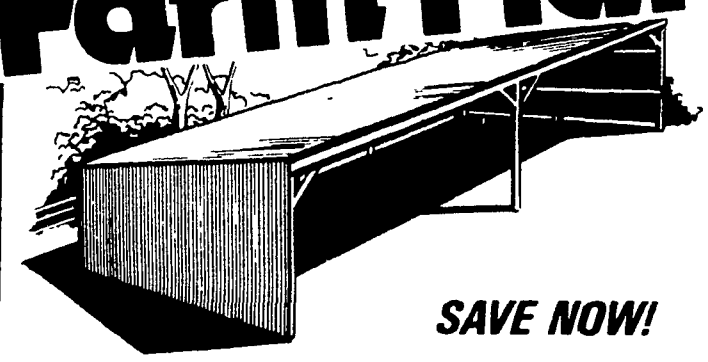

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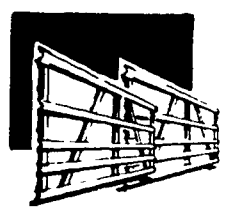

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Eight employees receive USDA's highest award

WASHINGTON, D.C. -- Eight employees of the U.S. Department of Agriculture received Distinguished Service Awards, USDA's highest honor, at ceremonies here Wednesday.

Secretary of Agriculture John R. Block presented the awards, while U.S. Sen. Robert J. Dole (R-Kan.) delivered the keynote address during USDA's 36th annual honor awards ceremony.

Two USDA units also will receive the Distinguished Service Award:

—the Florida Mediterranean fruit fly eradication team, Tampa, Fla., for its work during the 1981 Medfly infestation in Tampa; and

—the Plum Island, N.Y., Animal Disease Center foot-and-mouth disease vaccine team for pioneering work in achieving the first production—through gene splicing—of an effective vaccine against a disease in either humans or animals.

Superior Service Awards, USDA's second highest honor, will be presented to 73 individuals and 19 groups.

Those receiving the Distinguished Service Award are Richard L. Bernhard, Agricultural Research Service, Urbana, Ill., Russell H. Hinds, Jr., Office of Transportation, Washington, D.C. Donald L. Houston, Food Safety and Inspection Service, Washington, D.C., Larry V. Russell, Animal and Plant Health Inspection Service, Mission, Texas; Nunzio G. Santacroce, Animal and Plant Health Inspection Service, Hyattsville, Md., Randall E. Torgerson, Agricultural Cooperative Service, Washington, D.C., Delmar F. Wilken, Cooperative Extension Service, Urbana, Ill., Robert L. Youngs, Forest Service, Madison, Wis.

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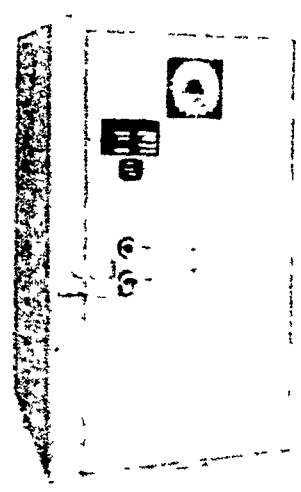

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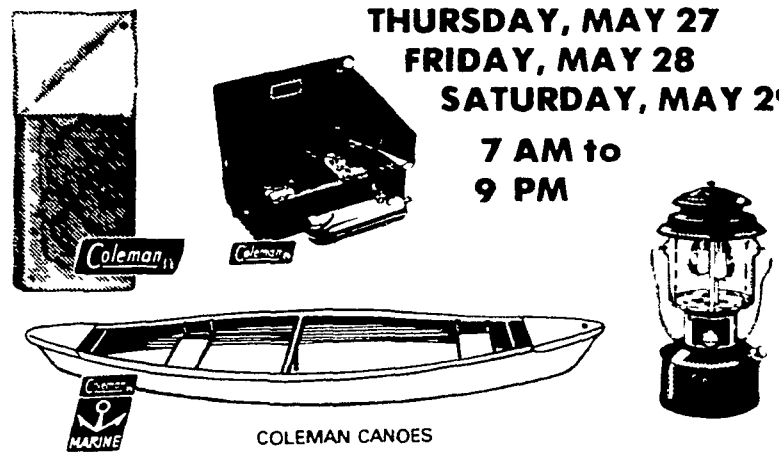

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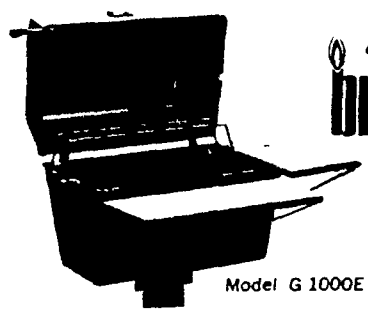

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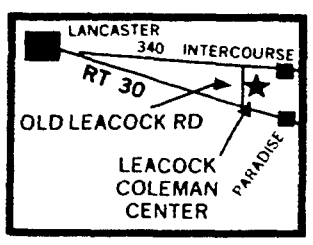
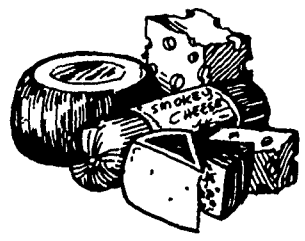
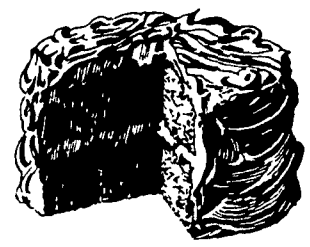




Home On The Range



Honey - Pour it on!

Honey — pour it on! Pour it on your cereals, your pancakes, your cakes..

Honey is considered to be the most natural of all sugars becasue it is the only sweet that requires no refining or processing before use

To the surprise of most, honey can be substituted for sugar in almost any recipe.

A noted advantage of cooking with honey is that it is a natural preservative and foods made with it, especially baked goods, retain their freshness longer.

To substitute honey in a recipe that call for sugar, do it cup for cup. The general rule is to reduce the amount of liquid 1/4 cup for each cup of honey used to replace sugar.

So pour it on and pour it in. to your favorite recipe

Honey In A Glass
GOLDSTRIKE

1 egg
1 c. orange juice
1 T. honey

Combine egg, juice and honey, if desired. Beat or shake until well blended. Pour into tall glass. Serve immediately.

NATURAL NOG

1 T. honey
1 egg
1 c. milk
1 t. vanilla
nutmeg or cinnamon, optional

Combine all ingredients; beat or shake until well blended. Pour into tall glass. Garnish with nutmeg, if desired. Makes 1 serving.

For a shake, add one scoop of vanilla, chocolate or strawberry ice cream.

For DESSERT
COCONUT HONEY ICE CREAM

1 1/2 c. honey
4 eggs
3 c. heavy cream
2 t vanilla
1/2 t. lemon extract
1/2 t. salt
3 c. milk
1 can flaked coconut
2 8 1/2 oz.-cans crushed pineapple

Add honey to eggs; mix well Add cream, flavorings, salt, and milk Stir until well blended Chill

Pour into freezer can. Turn until partly frozen, add coconut and pineapple Continue freezing until done Serve immediately or spoon into freezer containers, label date and store in freezer Makes 1 gallon.

Barbara Russell, Pine Bush, N.Y.

STEAMED BLUEBERRY PUDDING

1 c whole wheat pastry flour
1 t. baking soda
1/2 t. salt
1/2 c. oil
1/2 c. dry whole grain bread crumbs
1/4 c. honey
1 egg, well beaten
2/3 c. buttermilk or yogurt
1 1/2 c. blueberries

Mix flour, soda, and salt. Add oil, bread crumbs, and honey. Add egg and buttermilk or yogurt and mix thoroughly. Fold in blueberries. Pour into a greased one quart mold, cover tightly and place on rack or steamer basket. Put into pan, fill with water half way up sides of mold and steam for two hours.

Mrs. Paul Sauder, East Earl

Packed with natural nutrition, vitamins and goodness, Goldstrike features honey, orange juice and eggs - the perfect breakfast drink for the person on the go. Honey adds the pure sweet taste to the drink without the calories that sugar does.

HONEY CORNSTARCH PUDDING

1/3 c. honey
1 qt. milk
1/3 c. cornstarch
1 t. salt
4 beaten eggs
2 t. vanilla
4 T. butter
1/4 c. unsweetened coconut

Slowly bring milk to boil Meanwhile, dilute cornstarch in 1/4 water. Add salt. Add eggs and coconut and mix. Add honey to hot milk. Just as milk comes to a boil, add a little milk to egg mixture to prevent curdling. Add egg mixture gradually to milk. Cool one minute and add vanilla and butter.

Marvin Martin, Ephrata

HONEY COLE SLAW

2 T. honey
1 c. sour cream
3/4 t. salt
1/2 t. onion, finely diced
pinch pepper
1 t. vinegar
1 med. head cabbage, shredded

Combine all ingredients except cabbage; mix thoroughly. Pour over chilled cabbage and toss well. Serve immediately.

SWEET POTATO SOUFFLE

2 c sweet potatoes, boiled and mashed
1/2 c. honey
2 t. cornstarch
1 c. pecans
3 eggs, beaten
1 T. cream
marshmallows

Blend all ingredients except marshmallows Place in buttered dish. Bake slowly 30 to 40 minutes, or until knife comes out clean. Cover top with marshmallows. Continue to bake until brown

HONEY-NUT BARS

2 c. raisins
1 c mixed nuts
1/4 c. honey
1/3 c. mixed nuts, ground fine

Butter an 8 x 8 inch pan. Grind together raisins and nuts. Mix with honey and press into prepared pan. Cover with waxed paper, then place a weight on top and allow to stand for 24 hours. Cut into bars, then dip into ground nuts. Store in cover4ed container in the refrigerator. Makes 36 bars.

Barbara Russell, Pine Bush, N.Y.

BROWNIE HONEY CAKE

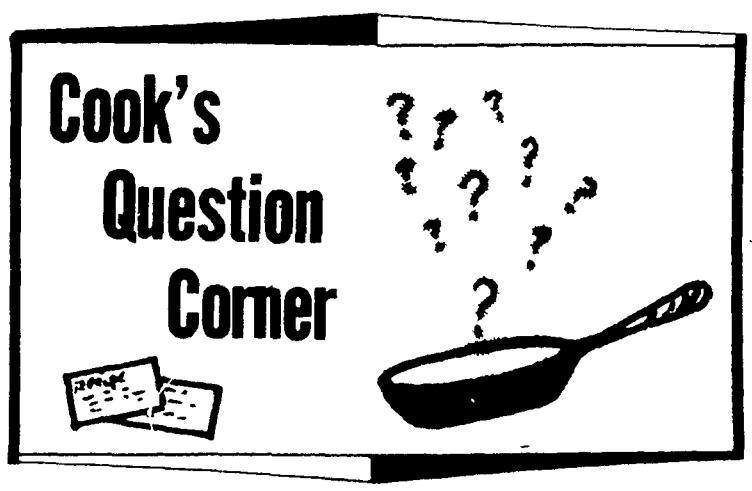
2/3 c. honey
1/2 c. shortening
2 eggs
2 c. flour
2 t baking powder
1/2 c. milk
1/4 c. pecans
1 t. vanilla
4 T. cocoa
1/2 t. salt

Cream shortening and honey. Add eggs, one at a time. Beat well and add sifted dry ingredients alternately with the milk. Add other ingredients, pour into well-greased loaf pan, and bake for 30 minutes at 350 degrees.

HONEY GLAZED CARROTS

6 to 8 whole carrots
1/4 c. butter
1/4 c. slivered almonds
1/4 c. honey

Cook carrots until tender and drain. In skillet, melt butter, blend in honey, and add carrots and almonds. Turn occassionally until carrots and almonds are nicely glazed



QUESTION — As it is canning time, I was wondering if anyone has any recipes for blueberry muffins and blueberry pie and for grape and peach jelly.

Thelma Gaulak, Acme, Pa.

QUESTION — Does anyone have any recipes using sure-jell in the making of cherry pie filling? Also, I would like a marble cake recipe made from scratch.

Carolyn Hess, Lititz, Pa.

QUESTION — Can anyone tell me when to pick gooseberries? Other gooseberry facts I'd like to know are: Do they get picked green or when they turn pink? Why are pies made with these berries so sour? And, what are some ways to use the gooseberries.

J. Markulus, Nazareth, Pa.

Recipe Topics

May
22 Honey
29 Gelatin molds
June
Dairy Recipes all month!

Dairy Recipes Wanted!

In June **Lancaster Farming**, will feature dairy recipes for the entire month Here is your chance, whether or not you are actively involved in dairying to send in your favorite recipe using milk cheese, butter or any other dairy product

Home on the Range is your recipe column and we need your recipe to fill it Special gifts have been chosen for each person whose dairy recipe we use It s our way of saying thank you to you and to the dairy industry Please only **one** recipe per family Recipes will be chosen on a first come first serve basis, and cut off date will be June 12

Persons whose recipes are not used will receive a special second prize So either way, you re a winner!

Send your recipe to Home on the Range Dairy Recipes, Lancaster Farming, Box 366, Lititz, PA 17543 Please remember to include your name and address

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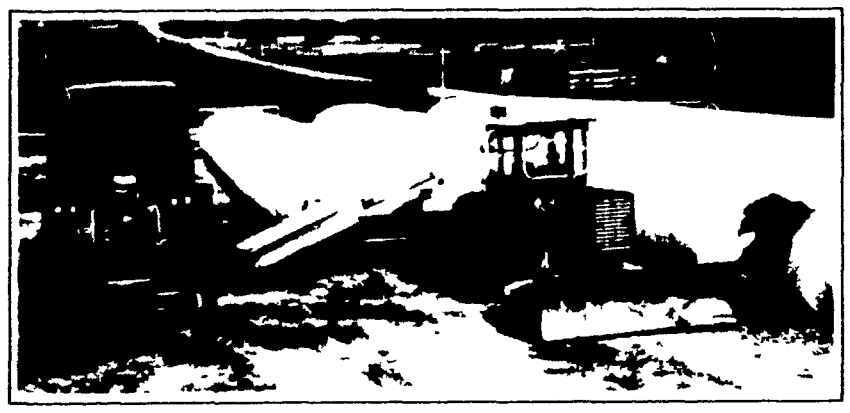

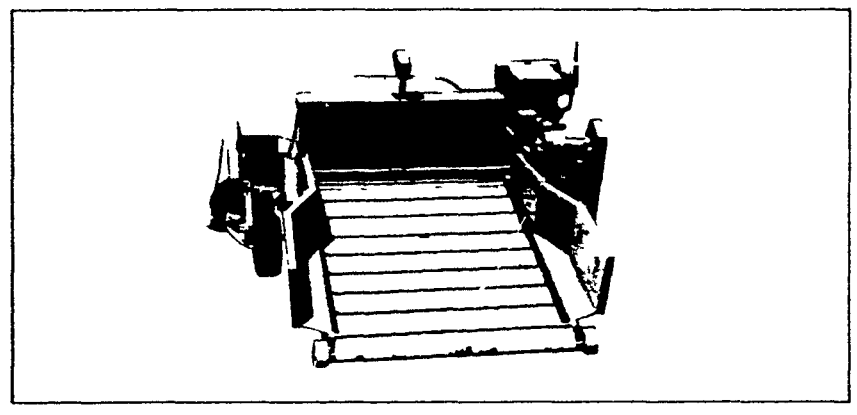

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Don Carter of Parkdale, Oregon

"The best move I ever made" says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon

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Roland Rasmussen of Blair, Nebraska

'In addition to everything else, it's a management tool says rancher Roland Rasmussen of Blair Nebraska

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Bert Anderson of Sceptre, Saskatchewan

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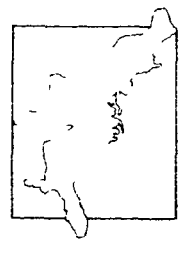

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Farm Women Societies

Lancaster Co. Society 1

Lancaster Farm Women 1 met for their May meeting at the home of Mary Decker

Ester Yeager presented a reading about wild flowers.

Guest speakers Amy Miller and Marjorie Walters spoke on "Women's Changing Status and the Power of Women."

The June meeting will be held at the home of Grace Krebs.

Lancaster Co. Society 3

Lancaster Farm Women 3 were entertained Saturday, May 15 at the home of Beatrice Groff of Lititz.

Contributions of $50 were given each to the Lancaster County Council of Churches for the fuel fund and the Lancaster Society of Farm Women for the county project. A $100 donation was given to the Cerebral Palsy Fund.

Members of the Society 3 will be entertained by Society 11 at the Mechanics Grove Church of the Brethren on May 27

Lancaster Co. Society 7

Lancaster Farm Women 7 met in the home of Anna Eby of Kinzer, Saturday.

The program was a plant, food and craft sale.

The next meeting will be held at the home of Sylvia Martin of Paradise, Monday, June 14.

Lancaster Co. Society 21

Lancaster Society 21 met May 13 for a progressive dinner.

Members voted to donate $50 to each the Office of Aging and the Heart Fund

Berks Co. Society 1

Berks Farm Women 1 met at the home of Ella Richard on May 12. Director of the Historial Society of Berks County Harold E. Yoder presented a slide presentation on farm art and barn decoration.

A food stand is planned for the June 26 sale at the Leroy Baer farm near Breezy Corners

Mary Jo Lawery, Boyertown, was welcomed as a new member of the group.

The next meeting will be on June 9 at the home of Grace Schaeffer of Oley.

Berks Co. Society 8

Berks Farm Women 8 met at the home of Joyce Deisemann, Strausstown.

On May 25, members will be going to the Body Shop Mini Spa in Shoemakersville

The next meeting will be a ham on roll sale, June 5

Berks Co. Society 9

The Berks Farm Women 9 met, May 5, at the home of Jean Hafer

The Berks Heim picnic has been scheduled for June 6.

A $500 scholarship is available for members' daughters or granddaughters from the Flora Black Scholarship Fund.

Guest speaker for the evening was Greg Douglas from the Amity Fire Company who showed a film on fire safety

The next meeting will be June 2 at the home of Ruth Hafer. Each member is to bring a craft for show and tell

Berks Co. Society 12

Berks Farm Women 12 held their May meeting at the home of June Beck.

Guest speaker was Judy Stoudt who showed the members how to make silk flower arrangements

Five members will be going to the spring rally at the Sunnybrook Ballroom in Pottstown, Wednesday, May 19.

The next meeting will be at the home of Mary Leymeister of Bernville, June 14. Members will exchange birthday gifts at the meeting.

Lancaster Co. Society 14

Lancaster Farm Women 14 met at the East Towne Mall, Wednesday, May 12 to begin their second annual local Appreciation Day Tour.

Guided tours included Linden Hall in Lititz, Moravian Square and Church, and Johannus Mueller House.

After the tour members drove to The Rome Mill Restaurant for a noon lunch.

The afternoon tours included Sturgis Pretzel House, Compass Mill and Butcher Shop, and Candy Americana Museum.

The next meeting is Wednesday, June 9 at noon to be held at the Farm and Home Center. Members will be celebrating their 47th anniversary, and also will entertain Society 6 and county officers.

Bee swarms are "migratory miracles"

ANNAPOLIS, Md. — One of the most interesting, but to some the most frightening, happenings at this time of year is the swarming of bees. What such a phenomenom represents, according to bee experts, is a "miracle migration."

I. Barton Smith, Jr., apiary inspector for the Maryland Department of Agriculture, says this is the time of year for bee swarms which can occur from April thru June.

"Swarming is nature's way of producing a new bee colony," Smith explains. "When bees swarm, the old queen and about half of the bees in a hive leave in search of a suitable location to establish a new colony. The swarm will cluster on a tree branch or other temporary location for a few hours or days until a new home site can be found.

"Back at the original hive, a new queen is born that will establish her reign in place of the old queen that left. Colony life soon returns to normal.

"What frightens people about bee swarms," Smith says, "is the sheer number of bees that may temporarily land in someone's yard. People are afraid that the bees will stay permanently and worry about getting stung.

"The truth of the matter is that during swarming, bees are very docile and will not sting if left alone. They are concentrating on the business at hand, namely the migration to a new colony site.

If presented with a swarm of bees, call the Department of Agriculture or the County Extension Service office. These people will put you in touch with an experienced bee keeper in your area who would be interested in removing the swarm at no cost to you in a safe and efficient manner. He or she will place the bees in an unused hive to start a new colony.

"Please don't let a bee swarm panic you and please do not spray the bees with an insecticide or other chemical in an effort to get rid of them," Smith concludes, "Bees are too valuable to use all as pollinators of fruits, vegetables and flowers to destroy."

Elizabethtown Grange meets

ELIZABETHTOWN — The Elizabethtown Area Grange held their meeting on May 6 at the Commonwealth Bank basement, here.

Guest speaker for the evening was Tom McCoy of R3 Elizabethtown. Having been a butcher for 20 years, McCoy spoke on meat and beef and pork by-products

Speaker for the next meeting will be Luther Snyder speaking on "Opportunities of Farming." This meeting will be held May 20 at the bank basement

Md. pick-your-own guide available

ANNAPOLIS, Md — The Maryland Roadside Marketing Association and Maryland Department of Agriculture say the 1982 edition of the popular "Pick Your Own and Direct Farm Markets in Maryland" guide is now being rushed to county libraries and Extension Service offices throughout the state.

George Roche, a marketing specialist with the MDA, reports that the 1982 guide has a total of 93 locations listed for pick your own farms and farmer-operated roadside markets. This is an increase of a dozen over the 81 listings in last year's edition.

Also, the handy harvest time chart included in the guide has been expanded and will take in 38 types of fruits and vegetables, testimony that the pick your own business is expanding to meet consumer demand.

If you desire a copy of the guide to help you map your fresh fruit and vegetable buying strategy for the entire good eating freshness of Maryland grown produce, stop by your local public library or visit the Extension office in your county

In cases where this might not be easy to do, you can secure a copy by sending a self-addressed stamped number 10 (business size) envelope to: "PYO Guide," Maryland Department of Agriculture, Parole Plaza Office Bldg., Annapolis, MD 21403.

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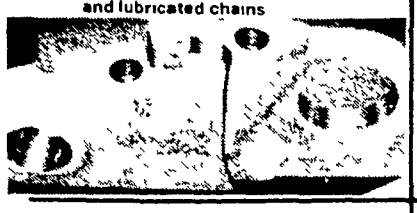

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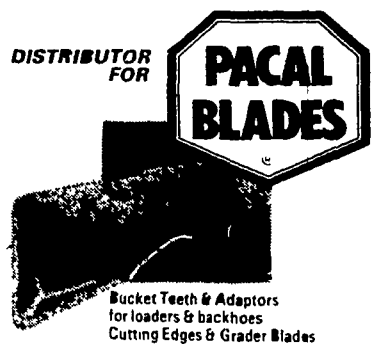

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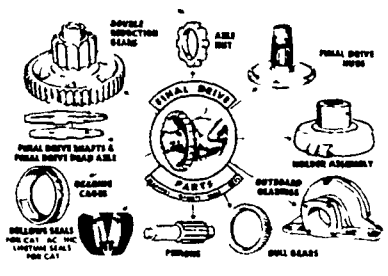

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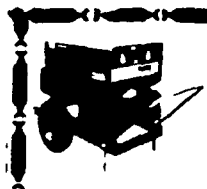

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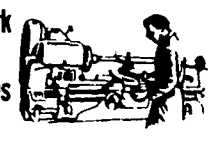

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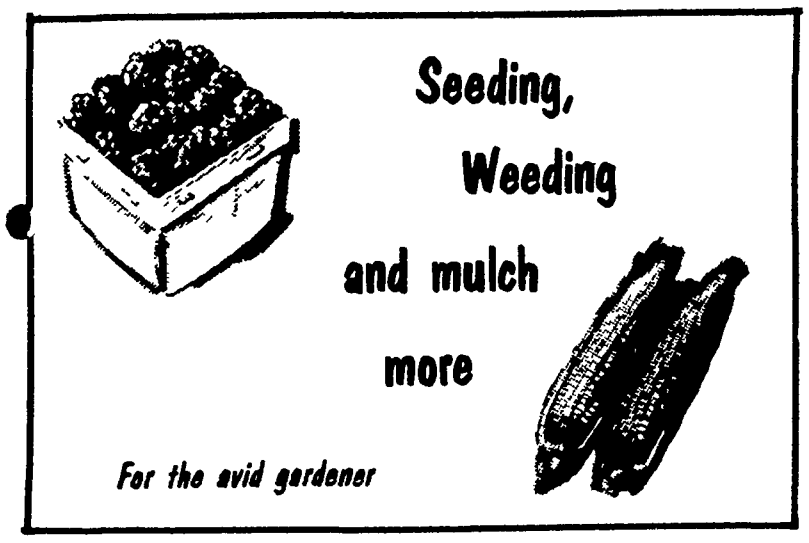

Using wood ashes

Like lime and fertilizer, wood and coal ashes can be used on your garden, but they must be used properly to be effective.

Wood ashes contain alkaline elements such as calcium, magnesium and potassium — all valuable plant nutrients. Because of their high alkalinity, wood ashes are also effective in neutralizing acid soil, according to Extension soil specialist Leo Cotnoir.

But there are some problems related to using ashes also.

For one thing, wood and coal ashes are different. Coal ashes have little fertilizer value and may even leave undesirable residue such as selenium, which could accumulate in plants. So use coal ashes in your muddy driveway, or put a little in your clay soil to help improve its physical properties.

Wood ashes are strongly alkaline (pH 11-13) as compared to ground limestone (pH 8-8.5). Also they're water soluble as compared to ground limestone, which is water insoluble and can be used even on foliage without harm. For this reason, wood ashes must always be used on soil because they will injure plant leaves, as chemical fertilizer does.

Just as you can use too much lime — especially on sandy garden soils — so you can get into trouble with wood ashes. Their acid neutralizing capability ranges form nearly equal to ground limestone when fresh and dry, to only 50 percent as effective when damp or stored exposed to air. But keep in mind the difference in speed of action. Wood ashes behave like chemical fertilizer, while limestone takes effect over a year or more. Incidentally, says Cotnoir, never use ashes around acid-loving plants like azaleas or rhododendrons.

Ashes vary greatly in composition, depending on the kind of wood burned, the type of stove, and how they're stored. Hardwoods such as maple, hickory, apple and even birch have more nutrients per cord of wood. Airtight stoves burning at higher temperatures eliminate more of the carbon that otherwise ends up as a dilutent in the ash. Stored ashes pick up both carbon dioxide and water vapor from the air if left exposed. So it's best to keep them in a metal can with a tight-fitting lid.

The general rules for using wood ashes call for applying either 20 pounds of fresh dry ash or 50 pounds of open-stored ash per 1,000 square feet of garden. (Twenty pounds of dry ash is approximately five quarts.)

Don't use ashes on your plot unless a soil test indicates a need for liming, cautions Cotnoir. Apply them so they can be mixed with the soil during seedbed preparation This will dilute them for greater safety.

Ashes can also be used around cabbage plants, as you would sidedress fertilizer, to help ward off clubroot disease The same practice may help keep cutworms and slugs away from stems of tomatoes, peppers, and other transplants

Ashes are versatile and valuable, says Cotnoir. In early days they were worth 10 to 15 cents per bushel and were sometimes used in lieu of scarce cash. They were refined into potash and pearl ash for export to Europe for making soap. Ashes were also used for glass making, bleaching and probably for insect control. —DK

Penn State grad wins Scott horticultural award

NEWARK, Del. — Richard Lighty, developer and coordinator of the University of Delaware's Longwood graduate program in ornamental horticulture, has received one of the highest honors awarded nationally in this field. The Arthur Hoyt Scott Garden and Horticulture Award, given annually by the Scott foundation of

Richard Lighty

Swarthmore College, was presented by Lighty earlier this month by the college's president, Theodore Friend.

An avid gardener and noted plantsman, Lighty is a recognized authority on woody ornamentals and herbaceous plants. He currently serves on both the council and executive committee of the Pennsylvania Horticultural Society He is a former president of both the North American Lily Society and the American Association of Botanical Gardens and Arboreta, and has served on numerous committees relating to horticulture, horticultural education and regional beautification. He has also been a consultant to international institutes, municipalities, public gardens and landscape architects.

In the spring of 1976 he was awarded the Silver Medal of the Massachusetts Horticultural Society. In 1979 he received the North American Lily Society's E H. Wilson Award.

Lighty has led student study trips to Honduras, El Salvador, and Costa Rica and has traveled in Europe and Africa. In 1976 he took part in a four-month expedition to Korea in search of ornamental plants. In 1977 he received the American Horticultural Society's teaching citation in recognition of his work with the Longwood graduate program, now in its 15th year

Lighty holds the rank of associate professor in the department of plant science at the University of Delaware He earned his B.S. degree from Penn State and his M.S. and Ph D from Cornell

In addition to his current teaching and administrative duties, he is presently writing a book on the organization and management of American botanical gardens and arboreta

The Arthur Hoyt Scott Garden and Horticulture Award was established in 1929 to honor individuals who have had a broad and significant impact on American horticulture Given in memory of a Swarthmore graduate of the class of 1885, the award consists of a gold medal and $1,000.

Previous winners from the northeastern U S include Liberty Hyde Bailey, plant taxonomist, proflic author, and former dean of the agricultural college at Cornell, John Wister, authority on herbaceous and woody plants, landscape architect, and former director of the Scott Horticultural Foundation and the Tyler Arboretum, C Stuart Gager, first director of the Brooklyn Botanical Garden and a fertile thinker in developing the philosophy of the public garden; and Russell Siebert, former director of Longwood Gardens

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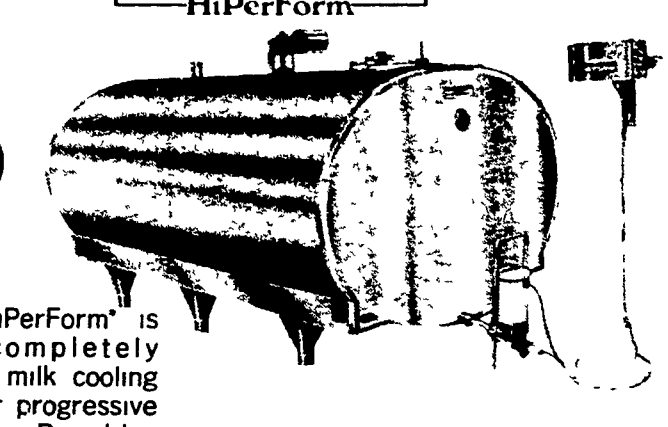

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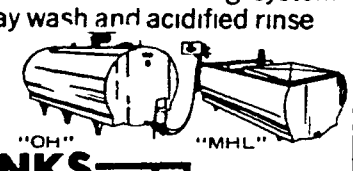

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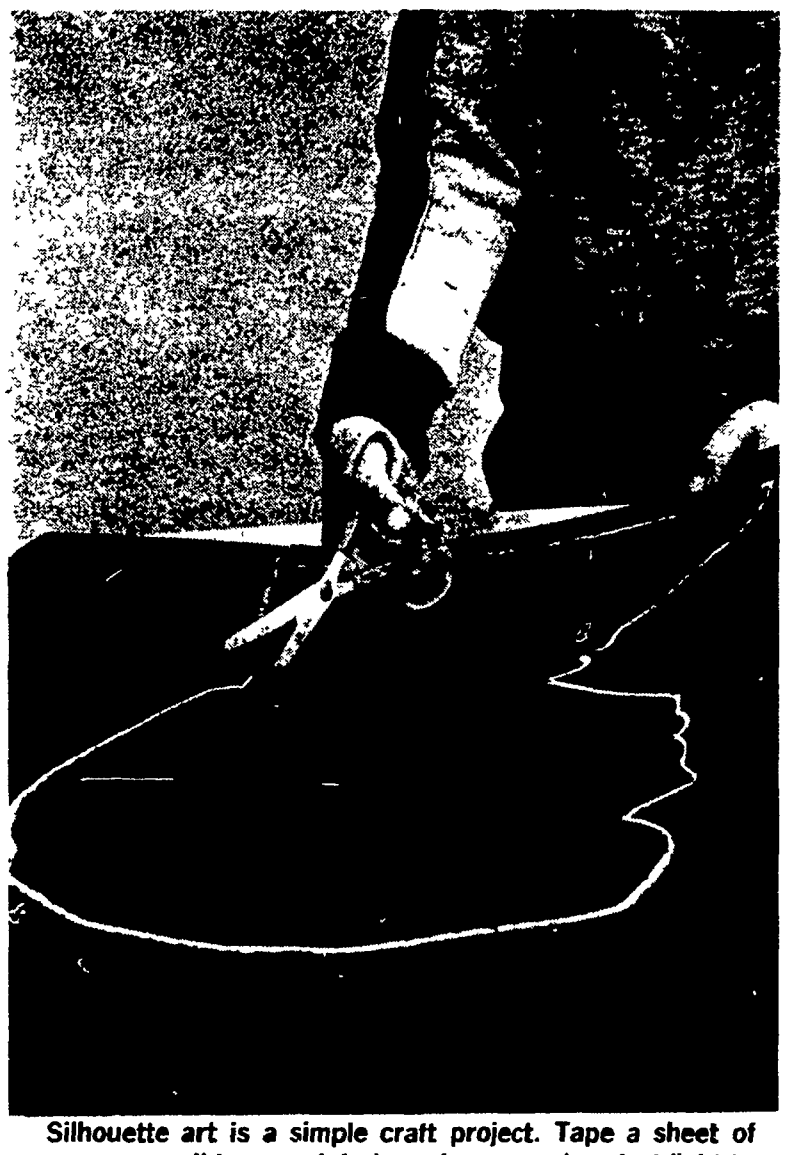

Silhouette art is a simple craft project. Tape a sheet of paper on a wall in a semi-darkened room and project light to cover the paper. Seat the person to be silhouetted between the light and paper so a profile is projected on the paper. Trace the profile then cut out the image using craft scissors with rounded tips.

Kids, whether for birthdays, Christmas or other special days, silhouette art of your friends or other family members is an easy-to-make, inexpensive gift that will be cherished by moms, dads and grandparents.

Creating silhouette art is a craft project that doesn't require artistic skills, a project that you can do with little assistance.

Tape a sheet of paper on the wall in a semi-darkened room. Project a light to cover the paper area The best image is obtained by using a small high-intensity desk or similar type of lamp that projects light to a small area

Seat your child (or mom, dad, grandma or grandpa) between the light and the paper so their profile is projected onto the paper. If dark paper is used, trace the profile with chalk. For light paper use a dark pencil or crayon

Now you can go to work. After the outline is done, cut out the image with a pair of craft scissors with rounded tips.

Mount the silhouette on a piece of paper If the silhouette is dark, select a contrasting paper color such as white, beige or a pastel. Select a frame to complement your decor. Frame the silhouette and it will have a personalized look that will become a cherished keepsake ready to be displayed as a wall hanging or atop a table.

Mounted on contrasting paper and framed, the silhouette makes an attractive family gift that will be admired for years.

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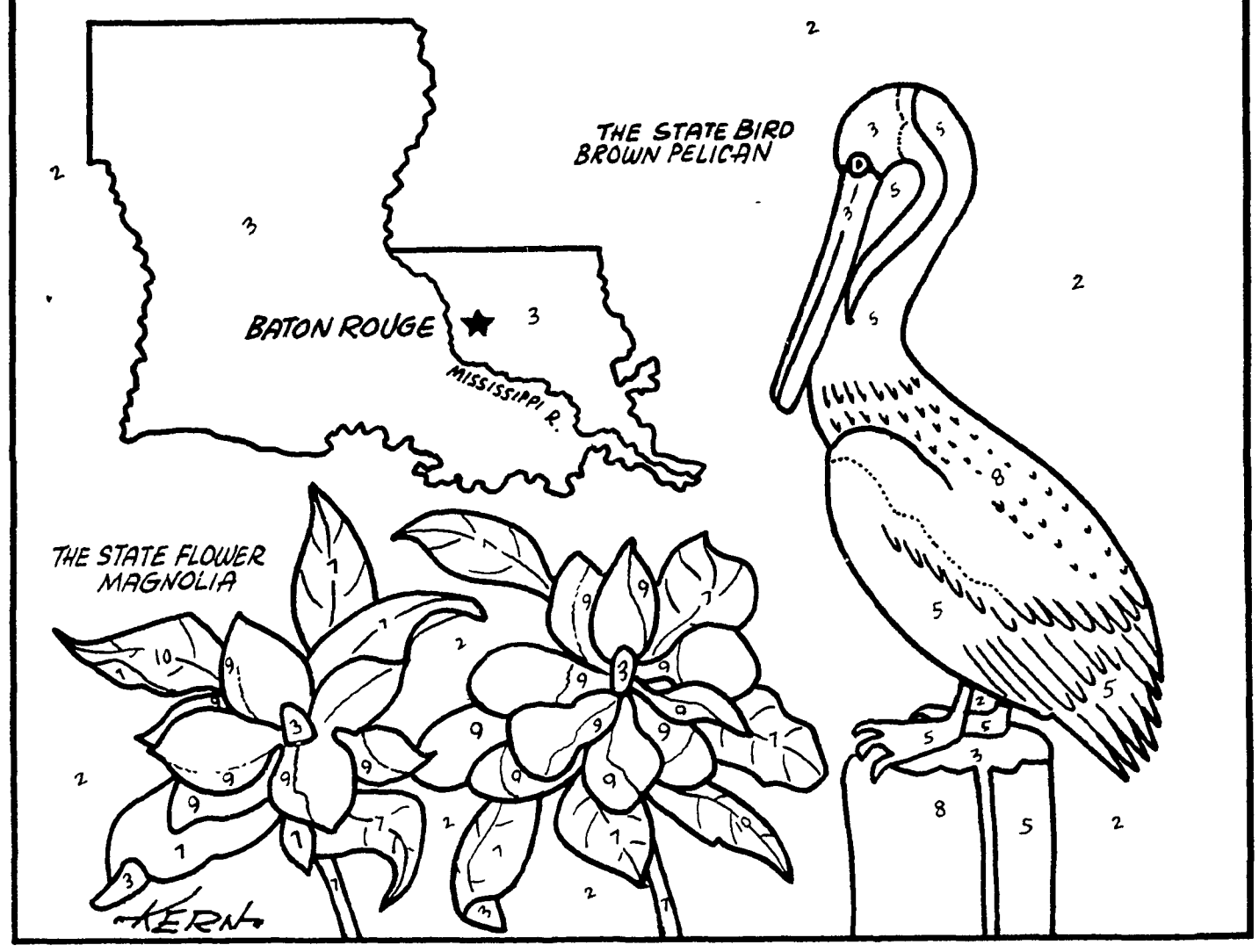
9-17-81



Ida's Notebook

Ida Risser

Family unity is important. Nowadays it takes work and planning to achieve this unity

Many families no longer live within walking distance or even easy driving distance Plans must be made long ahead of time for a reunion Our family for many years has held a picnic in July to celebrate several birthdays In more recent years we've added a Christmas gathering at my home

Now, my sisters tell me that I've started something by inviting all of them and their husbands for an evening meal at our house. All of our children are grown and it is pleasant to gather and catch up on each others activities With nieces and nephews scattered it is difficult to keep informed

And so every other month we go to a different person's home for a few hours of fellowship We were pleasantly surprised last week when the sister who lives in Michigan and her husband dropped in too. Two of the seven girls are no longer living and such experiences make us realize how short life really is.

Before we realize it, we'll be 80 or 90 and be pushed by our children to give up housekeeping. It has happened to a lot of people that I know

When my own children apply for jobs in Texas and Alaska, I shudder to think what their next mailing address might be One goes to Florida on his motorcycle to a friend's wedding and another flies to Las Vegas on business and then on to Seattle. Still another goes job hunting in Wisconsin There is no talking over the backyard fence in this family

Therefore, I think for peace of mind we should keep in touch and not just call family meetings when an emergency comes up and we have a big problem to solve Let us hope that our children will continue this practice as they grow older and live far apart

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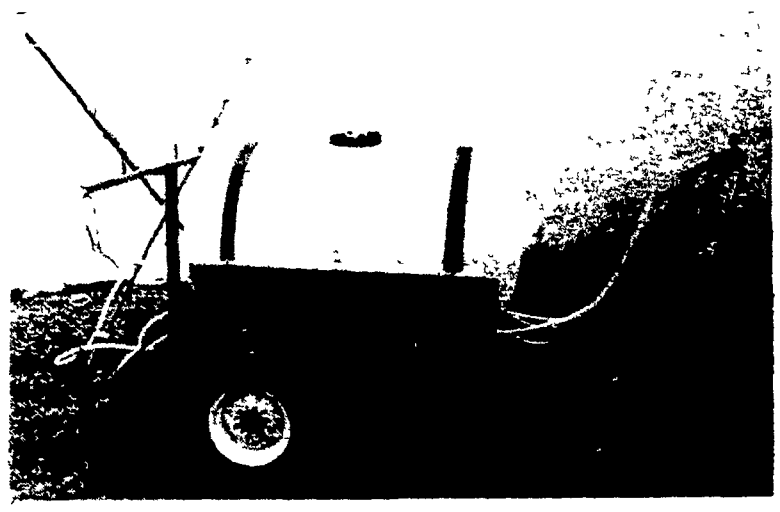

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Two 4-H'ers to visit Italy

LANCASTER — Italy is the destination of two ambitious 4-H'ers who plan to take advantage of the International Four-H Exchangee program this summer.

Deborah Ehlman has been chosen as an IFYE ambassador delegate to spend the majority of her summer in Italy, while Debra Kreider plans on living in the European country for six months.

Ehlman, the daugher of Mr. and Mrs. Frank Ehlman of Coopersburg, was selected on the basis of her outstanding leadership and active participation in the 4-H program for several years.

This 1980 honors graduate of the Palisades School District, is presently a sophomore at Grove City College majoring in business administration and computer science. She recently graduated from her local 4-H Whichway Club.

Ehlman has been involved in the Bucks County Council, club officer, recipient of the Bucks County Clover Award for leadership, club teen leader and camp counselor.

About her upcoming summer in which she will live with two host families and tour the country, Ehlman said, "4-H is a sharing experience. It has taught me to be aware of other's needs and community responsibilities. It's family growing together and an opportunity every youth should experience."

Debra Kreider

Deborah Ehlman

Debra Kreider of Fontana will spend June through November with 6 or more families in Italy as an IFYE representative.

Kreider, a 4-H volunteer and former 4-H member, was selected on the basis of her international interests and involvement in 4-H.

"Deb's enthusiasm for international programs is contagious. She is already lining up Lebanon County pen pals for all the children she will meet in Italy," said Linda Rohrbach, Extension 4-H agent

"Also, Deb's interest in photography will be a real advantage. We're looking forward to beautiful pictures telling the story of her trip. And she'll tell that story to civic groups and 4-H clubs when she returns in December," Rohrbach added

Deb's exchange will begin with orientation, June 12 through 15, at the National 4-H Center. Upon her return in December, Deb will provide programs for civic and 4-H groups throughout the county.

Though her interest in photography is just a hobby now, Kreider hopes to turn it into a career someday and has taken the first step by attending classes in photography at Lebanon Valley College. She currently works at Umberger's Mill in R4 Lebanon.

The IFYE program is designed for 20 to 25 year olds, and is sponsored by the National 4-H Council and the state Extension Service

The IFYE ambassador program is designed for 16- to 20-year-olds. Also included in the 4-H Exchange program is Senior 4-H Exchange — interstate travel for 13 to 19-year-olds, and Junior 4-H Exchange — inside the state travel for 10- to 12-year-olds. —DK

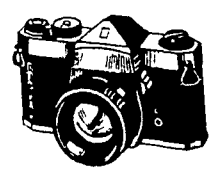
Woolies club meets

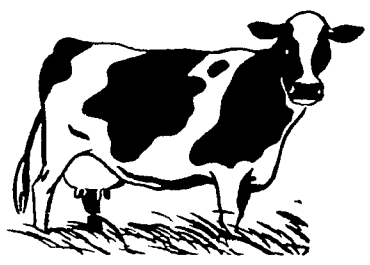
LANCASTER — The 4-H Woolies Club met at the Farm and Home Center, April 26.

Speaker for the evening was Tim Fleener who discussed different breeds of sheep. Clyde Brubaker will be presenting information on feeding at the next meeting, May 24.

The Woolies Club is planning a sub sale on June 12.

Enter Lancaster Farming's DAIRY PHOTO CONTEST





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- ☐ DAIRY PARTNERS, dairy animals together with their favorite people
- ☐ DAIRY LIFE, unposed photos of events as they happen on a dairy farm. Can be ordinary, extraordinary, happy, sad, etc.

Photographer's name _____

Address _____

Town _____ State _____ Zip _____

Phone (include area code) _____

Type of camera used _____

Please use the following lines to tell us a little about the photo. (Who, what, where and when)

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_____

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CONTEST RULES

1 One winner per family
2 Amateur photographers only
3 Photo must be submitted by the photographer and accompanied by the Lancaster Farming mailing label (label can be used by all family members)
4 One photo per entry blank (additional blanks are available through Lancaster Farming)
5 black and white and color photos accepted NO SLIDES
6 Include a self addressed stamped envelope for easy return
7 Photo must be postmarked no later than June 23
8 Lancaster Farming employees and their families are ineligible for the contest

SEND PHOTO AND ENTRY BLANK TO: **DAIRY PHOTO CONTEST**
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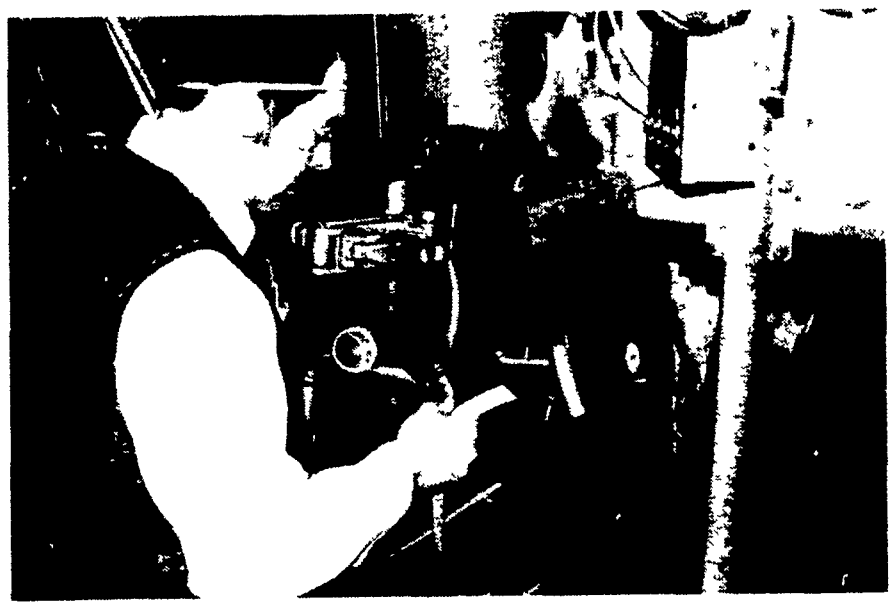

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4-H teen overcomes handicap for Keystone nomination

BY GINGER SECRIST MYERS
Staff Correspondent

LITTLESTOWN — Kevin Reaver, 15, has just returned from State College where he was interviewed for one of the most coveted 4-H awards in the state-the Keystone Award.

While this interview in itself is not unusual, the category in which Kevin has been nominated makes a statement about the kind of spirit which motivates this tall, furrow-browed teenager Kevin is trying to win a Keystone Award in the category of Personal Development for a Handicapped Person.

Kevin, one of the bright young leaders in the Adams County 4-H program, is a victim of Tourette Syndrome, a little known and often misdiagnosed neurological disorder. Named for a French physician, Gilles de la Tourette, the syndrome becomes evident in early childhood or adolescence between the ages of 2 and 15

Its first symptoms manifest themselves in the form of involuntary movement, tics of the face, arms, limbs and trunk. For Kevin this happened at age four with excessive eye blinking while watching television Kevin's mother, Mary Lou Reaver, a registered nurse with eight years of experience in pediatric duty, considered Kevin's problem to be a transient childhood tic at first. However, later she realized that this was not a passing thing when Kevin's tics began to involve his whole face, his neck, and trunk.

Kevin remembers, "I wouldn't even be conscious of the tics. My folks would tell me to stop it and I would ask, 'Stop What?' When they made me award of the tics, I would stop them. My parents would think I had done it on purpose, but that is one of the characteristics of Tourette. You can consciously control the tics, but only for short periods."

In addition to movement tics, Tourette victims may also display verbal tics which may include grunting, throat clearing, shouting, barking, etc The verbal tics may also manifest themselves as echolalia or coprolalia-saying obscene words involuntarily Neither of these symptoms is necessary for diagnosis of Tourette Syndrome, but all patients do exhibit involuntary movements and some vocalization

By the time Kevin was in the third grade - a once happy little boy with a gifted I Q. - he was having severe academic problems, couldn't get his daily routine organized, was the source of sibbling bickering, and the target for countless jokes and ridicule from classmates and even teachers Mary Lou Reavers remembers a call from the school's guidance counselor in which Kevin's home environment was questioned Mary Lou points out that environmental causes are often thought to be the immediate cause of the child's problems and nervousness.

She further explained, "When Kevin got the hassles of school off his back, he was a happy, well adjusted kid. I never accepted that he had an emotional problem. Many parents with Tourette kids get on a psychiatric treadmill because they take their child to a psychologist, or a psychiatrist, or to a physician who mis-diagnoses it as being environmentally caused or a psychiatric problem. They get on this treadmill and don't know how to get off. They go from one doctor to another doctor, and so on."

It took seven years for Kevin to be properly diagnosed and this was a chance happening. One day while on duty, his mother read an article in the October 1976 **Good Housekeeping** magazine titled, "Something Terrible was Happening to Our Son." Mary Lou knew that Kevin had Tourette Syndrome by the time she got to the second page of the story. While not advocating self-diagnosis, Mary Lou states that word of mouth and printed literature is now the best source of information on the affliction.

Kevin Kneels here with a maple cabinet which he made to store resource information on Tourette Syndrome. Kevin hopes to attend Thaddeus Stevens School of Technology to further develop his cabinet making skills and to become a professional craftsman. Kevin has been nominated for a Keystone Award in the category of Personal Development for a Handicap.

She explained, "Most people obtain their information of Tourette through printed information. Eighty percent of the people seeking medical assistance did so after reading about the problem. When Kevin was diagnosed, he was only the second person in the state known to have Tourette. Now after a lot more publicity and understanding of the problem, we have 192 cases " It has been estimated that there are at least 100,000 Americans suffering from Tourette Syndrome

In 1980 the Reavers went to the only source of information on Tourette-the Mt Sinai Hospital in New York City. They went there for a panel discussion on Tourette, and to hear Dr. Arthur Shapiro, the most noted expert in this field For the first time they heard that Tourett Syndrome is also a learning disability Suddenly they realized that all of Kevin's school problems were due to a real learning disability One example of the disability is that facial tics can make reading almost impossible

At this time Mr Reaver also realized that he suffered from a mild case of Tourette himself Armed with this information, the Reavers made significant changes in Kevin's school program, getting him the extra time he needed to complete tests and assignments

Kevin is now taking the only drug known to help control Tourette, Haldol. Haldol is effective in only fifty percent of Tourette cases and the prolonged side effects can include kidney and liver damage It is a psycholtherapeutic agent and can sometimes aggrevate Kevin's learning disability

(Turn to Page B14)

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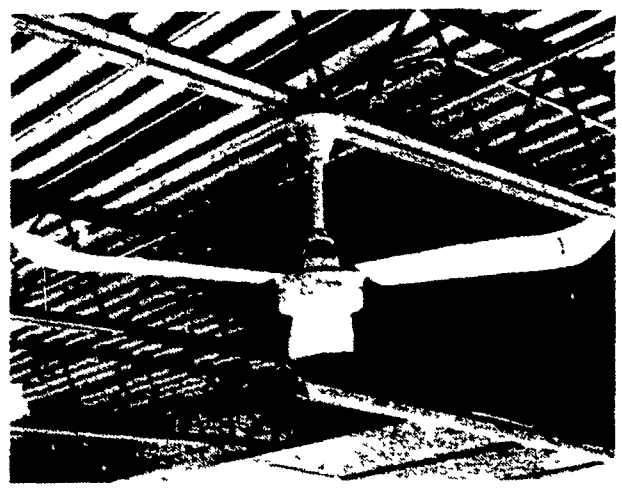

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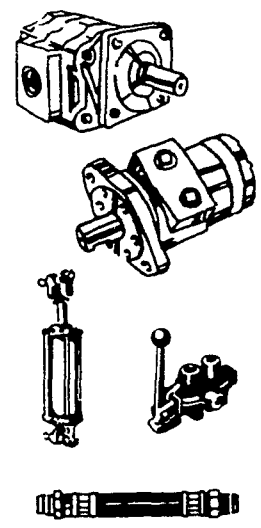

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Lebanon 4-H'ers named Keystone winners

LEBANON — Seven County 4-H members have been named finalists in the State 4-H Awards program, according to 4-H Agent Linda Rohrbach.

Selected are: Greg Allwein, Leadership; Deb Bolles, Poultry; Megan Connor, Dairy Foods, Foods and Nutrition; Michelle Noll, Achievement, Gardening; Lori Ressor, Consumer Education; Beth Shiner, Outstanding 4-H'er; and Dan Shiner, Outstanding 4-H'er.

Linda Rohrbach says "Of the 90,000 4-H'ers in the state, only 148 are Keystone winners, and seven of them are from our local programs. We're very proud of their accomplishments."

Keystone winners are interviewed last week on the Penn State Campus. Their interview score will be added to their record score. The high scoring individual in each project category — the State Winner — will attend National 4-H Congress in Chicago.

The top five Outstanding 4-H'ers in the state will attend National 4-H Conference in Washington, D.C.

Greg Allwein — Greg, a freshman at Indiana University of Pennsylvania, has been a 4-H member for 8 years. Past president of Norsolebco 4-H Club and County 4-H Teen Council, Greg has been active in Olympic Day, Camp Counseling, Teen Leadership, and the Lebanon Area Fair. He has attended PA 4-H Leadership Congress, Cititzenship-Washington Focus, and Regional and State Achievement Days. He is employed as an Urban 4-H Assistant this summer. He is a son of John and Mary Allwein.

Deb Bolles - A rabbit enthusiast, Deb is an active member of a community club, Teen Council, and the county 4-H Rabbit Club. Deb has attended Leadership Congress, 4-H Camp Shehaqua, and State 4-H Achievement Days. Deb is also active in inter-state 4-H exchange, having traveled to Vermont in 1981 and hosting Kentucky 4-H'ers in 1982. She is a student at Northern Lebanon High School. Her parents are Rosanne and Walter Bolles.

Megan Connor - Megan, a senior at Cedar Crest, was 1981 International Four-H Youth Exchange to Trinidad and Tobago. Following her trip, she has talked to over 1,000 people about the local foods and customs of the islands she visited. Megan's other activities have included: Foodarama (2nd place Individual in the State contest), Leadership Congress, Regional 4-H Days, Exchange to Connecticut, teen leadership, the Fair, and Olympic Day. She is a member of Mill acres 4-H Club and treasurer of County 4-H Teen Council. She is the daughter of Jim and Diane Connor.

Michelle Noll - Michelle has been an active member of Mill Acres 4-H Club, and County 4-H Teen Council. A horticulture enthusiast, she has organized the horticulture contest at Regional Day. A member of the 1979 State Horticulture team, she attended the National Junior Horticulture Association meeting in St. Louis Active in many county 4-H activities, Michelle is a student at Thompson Institute and is employed by the Lebanon Area Fair. She is a daughter of Melvin and Marguerite Noll.

Lori Ressor - Lori is an active member of Avon-East Lebanon 4-H Club and news reporter for the County 4-H Teen Council. Lori has attended County and Regional Fashion Revues, State Days in the Foodarama contest, PA Farm Show, Lebanon Area Fair, and Olympic Day. Lori, a student at Elco, is the daughter of Mr. and Mrs. Harry Reesor.

Beth Shiner - Beth, a senior at Elco, is a member of the Myerstown 4-H Raiders and county 4-H Teen Council. She is vice chairman of the County 4-H Board of Directors. Her many activities include: Citizenship-Washington Focus, State Days, Fashion Revue, PA Leadership Congress, Ohio 4-H Leadership Congress, and Olympic Day In 1981, she represented Pennsylvania at the National 4-H Congress in Chicago. She is a daughter of Gail and Dan Shiner. Beth is employed at the Lebanon Area Fair.

Dan Shiner - Dan is also a member of the Myerstown 4-H Raiders and Teen Council. He represents teens on the County 4-H Board of Directors. He is active as a 4-H camp counselor, emcee for 4-H activities, chairman of the Lions vs 4-H Recycling Contest, Olympic Day, Teen Retreat, State Days, and Leadership Congress. Dan attended 1981 National 4-H Congress as the state winner in Electric Energy. His parents are Gail and Dan Shiner.

Shiner wins scholarship

LEBANON — Beth Shiner, Myerstown, has been named winner of the Allen L. Baker 4-H Scholarship.

The $250 tuition credit is awarded annually to two current or former Pennsylvania 4-H members who are also Penn State students.

Beth, a 4-H member for 9 years, will attend Penn State as a food science major in Fall 1982.

The scholarship award is based on Beth's active participation in 4-H including. Citizenship-Washington Focus; National 4-H Congress; State 4-H Days; Fashion Revue; PA and Ohio Leadership Congresses; Teen Leadership; Teen Council; Myerstown 4-H Radiers; and much more.

Beth is the daughter of Gail and Dan Shiner. She is employed by the Lebanon Area Fair.

Beth Shiner

4-H teen overcomes handicap

(Continued from Page B13)

Though Tourette Syndrome is not fatal, there is no known cure for it. Kevin remembers that while the physical effects were minimum for him, the emotional and social scars of having his self-esteem ridiculed were devasting. He credits his 4-H work for its positive effects He stated, "4-H was my savior. The kids there didn't even know I had Tourette. It was under control, but the kids at school still remembered. I could do 4-H activities and be myself."

What Kevin has achieved through 4-H is admirable too. He is presently the planning chairman for this year's county 4-H exchange to Tennessee. He has participated in all levels of competition from county to the state level. Recently he was the Master of Ceremonies at State Capital Days. Kevin has also won the William Miller Award, a county award for personal development. Upon graduation from high school, Kevin hopes to attend the Thaddeus Stevens School of Technology to become wood working craftsman.

Kevin hopes that his story will be helpful to others who need accurate information about Tourette Syndrome. He stated, "If I can, I'd like to keep anyone from going through what I did. All those tests, all that ridicule. Actually, I'm one of the lucky ones. With an accurate diagnosis and my medicine, I get along pretty good. Our story isn't as bad as what happens to some kids."

Mary Lou Reaver added, "All it takes is one spark of knowledge. Kevin's biggest progress has been in the last three years now that everyone knows that Kevin has a neurological problem. Everyone has stopped yelling and started listening."

Additional information about Tourette Syndrome may be obtained by contacting Mary Lou Reaver (717) 359-5259 or by writing to the Tourette Syndrome Assn., Suite 402, Bell Plaza Building, 42-40 Bell Bl., Bayside, N.Y. 11361.

Golden Guernsey Club meets

LANCASTER — The Golden Guernsey 4-H Club met on May 11 at the farm of George Rohrer.

For the evening's program, Glenn Shirk led members in a dairy bowl and Judy Rohrer and Janice Garber gave demonstrations on registering animals

The next meeting is scheduled for June 9 at the home of Ken Garber.

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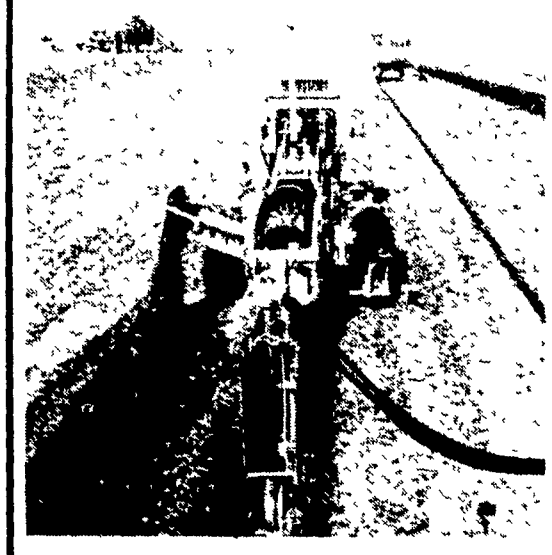

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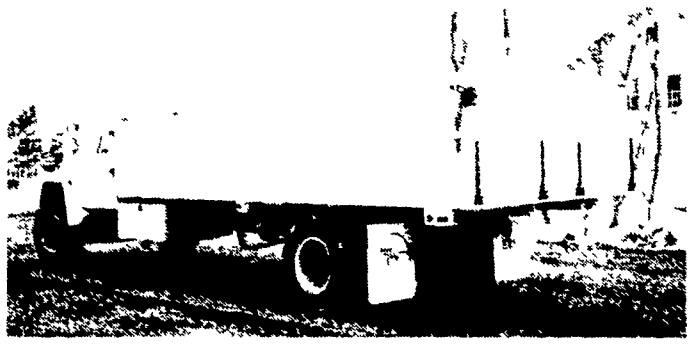

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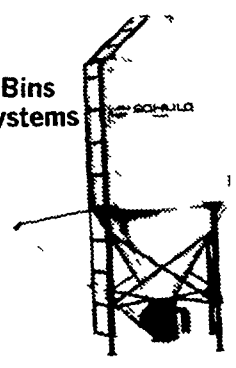

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Berks Beef Club holds spring show

LEESPORT — The Berks county 4-H Beef Club members got a jump on the 1982 show season with the Beef Club Spring Show, held Saturday at the Reading Fairgrounds. This fun show is held each year to give members, especially younger and newer members practice at fitting and showing their beef animals.

Jeff Greider, judge, from Lancaster County, a former 4-H member and veteran of 4-H beef shows, awarded blue and red ribbons to club members for fitting and showmanship.

Following the show, members and their families enjoyed a picnic lunch.

The results of the show are as follows: CLass I - Carol Strause, Blue; Jan Adam, Blue.

Class II - Michelle Harley, Red, Gred Zook, Red; Jim Heffner, Blue; Kenianne Rarick, Blue; Sarah Hoffman, Red.

Class III - Andy Haas, Blue; Jeff Adamski, Red; Gred Strickler, Blue.

Class IV - Jane Zook, Blue; Lori Rabenold, Blue.

Class V - Matt Harley, Blue; Dwight Zook, Blue; Travis Werley, Blue; Dennis Cooper, Red.

4-H zigzaggers elect officers

LITITZ — The Lititz/Rothsville Zigzaggers held their second 4-H meeting, Monday, May 10 to elect officers.

Elected were: president, Rhonda Witmer; vice president, Janelle Hurst; secretary, Stephanie Schaich; treasurer, Janine Turano; news reporters, Lisa Heisey and Beth Leininger; song leaders, Lorie Kline and Jennifer Eolin; game leaders, Linda Heisey and Solvey Trimble.

Leaders of the club include: Sharon Schaich, Judy Widders, Arlene Heisey, Elizabeth Martin, Corrine Smith, Nancy Noll, Ruby Trimble and Mary Alice Fyock.

Eastern Berks dairy 4-H meets

FLEETWOOD — The Eastern Berks 4-H dairy club met April 30 at the Fleetwood First Federal Bank.

The top five winners of the Hoard's Dairy Judging Contest were announced: Heather Schlegel, Boyertown, Heidi Schlegel, Oley; Jimmy Younker, Fleetwood; Debbie Price, Douglassville; Ron Kurtz, Fleetwood.

Bill Zollers announced that all calves must be registered and no May calves can be shown unless the dam is owned by the member.

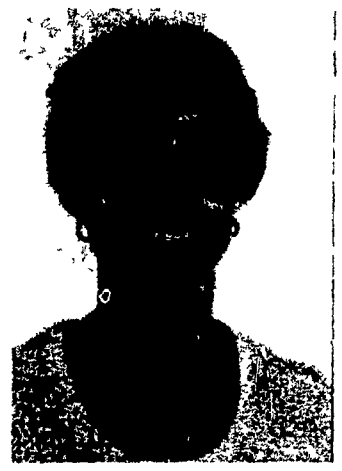
The next meeting will be May 14 for group one and May 28 for group two.

Thomasville 4-H to meet

THOMASVILLE — The Thomasville 4-H will meet at the 4-H Center near Bair on Tuesday, May 25, 7:30 p.m.

Scheduled is a program about drug dog, "Misty."

Other dates to remember according to Roxanne Price, Extension youth agent, are May 23 — rural life Sunday; May 22 — county demonstration; June 12 — Chicken Barbeque.



On being a farm wife -And other hazards

Joyce Bupp

Ever feel like you're living out a cartoon strip? Welcome to the crowd.

"How'd you like to meet President Reagan tomorrow?"

Sure. Ha. Ha.

But the voice of a dear friend and fellow Agri-Women member assured me over the phone that my name was indeed on the list of farm organization representatives who were being invited to a small, exclusive gathering. If we were to the Chester County farm by the appointed hour, we'd be in.

First indication, at the end of the sixty-plus mile drive, that all was not as we had been told, dawned on us as we became entangled in a half-mile long traffic tie-up. There were hundreds of people milling around the lush, green pasture, stopped many hundred yards from the farmstead. And, we could see what looked to be several hundred more up on the hill in the barn area.

So much for the "small, exclusive group at the quiet meeting." And there was no getting past the guards, who'd been told to cut off any entrances a half-hour before the time deadline we'd been given.

Not that we were alone. Included in the large crowd trampling the pasture were numerous media representatives, farmers from well over a hundred miles away, and heads of various farm organizations, who'd apparently gotten the same "come-on" call as we had.

There was more "chewing" going on in that pasture than the herd of several hundred cows could have done in a week, mostly aimed at the calling-out that had lured this crowd to the police-guarded pasture site

Rest assured, the issuers of these invitations will not be forgotten, should a similar call for support go out in the future.

Six hours later, back home, and hoping to salvage a part of the so-far wasted day, I headed to a nearby shopping center to pick up some 4-H project supplies.

Not far down the road, the dust was still clearing on a large tractor-trailer rig that had jackknifed into an empty lot as a lone trooper directed traffic to one lane

Another two miles into town, flashing lights and sirens signaled more trouble The smashed windshield of the car, the medics working over the prone figure on the road, told me as much as I cared to know about the mishap

And within two blocks, the driver in front of me came to a sudden halt to make a turn. Jamming the brakes to a loud squeal, I lathered the road with a good milimeter of tire tread.

Knees still shaking, I checked several stores, coming up empty-handed on the supplies badly needed to finish the project At the final stop, our faithful area United Parcel delivery man flagged me down with a package. Oh, how I hoped for a cheery, surprise gift

It was a bull book.

Dreading the drive back home, I made the mistake of not taking an alternate route. After twenty minutes of waiting in line, the tow trucks finally finished dragging out the jackknifed truck, and our long, long row of backed-up cars wound around the single-lane space

Safe back home — at last — I scanned the calendar it was Friday - the 14th.

Couldn't be Someone must have counted wrong

F.W.S. Calendar

Saturday, May 22

Lancaster Society 4 meets at the Mountville Church of the Brethren

Lancaster Society 5 meets to hear a program by Lavern Yutzy

Wednesday, May 24

Lancaster Society 24 meets at the Farm and Home Center for chalk art by the Rev Elwood Mehle

Lancaster Society 28 meets for a shopping trip to 'Courtyard at King of Prussia"

Thursday, May 27

Lancaster Society 11 meets at the Church of the Brethren in Mechanics's Grove to entertain Society 3

Lancaster Society 26 meets to entertain Society 18 at the Lancaster Church of the Brethren

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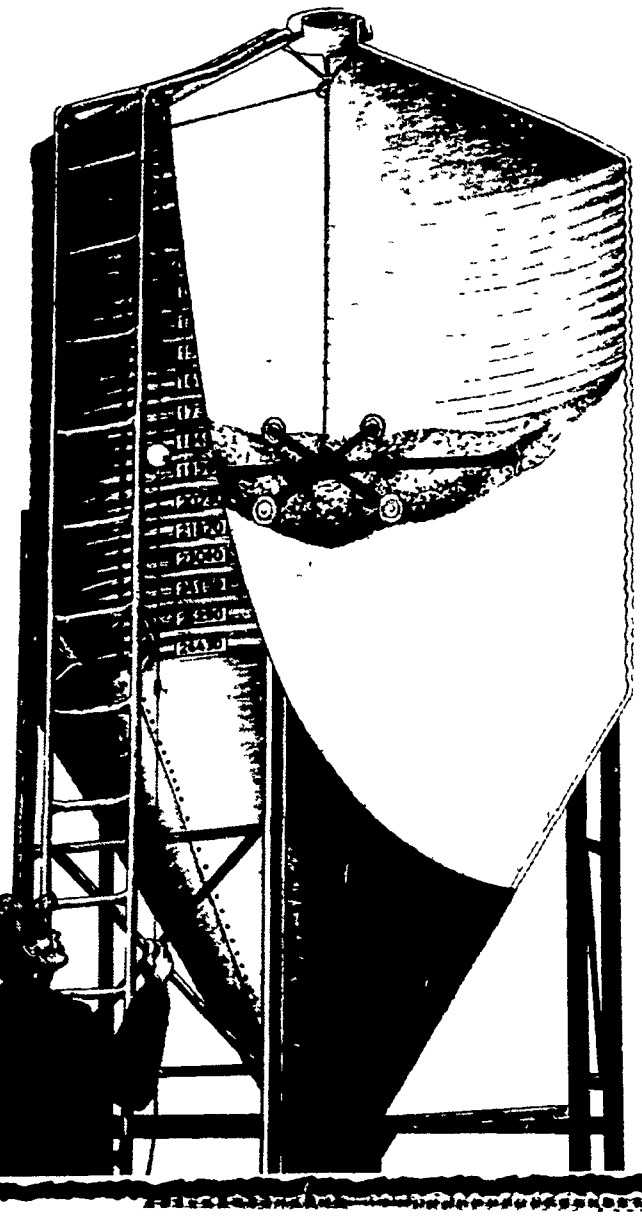

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Farm Museum to hold annual craft days

LANCASTER — The twenty-sixth annual "Craft Days" weekend will be held Saturday and Sunday, June 5 and 6, from noon to 5 p.m. at the Pennsylvania Farm Museum of Landis Valley.

There will be a $3 admission charge for adults, persons age sixty-five years and over will be charged $2, and those age eleven years and under will be admitted free.

"Craft Days" is an outdoor festival featuring demonstrations of more than forty different crafts and activities associated with Pennsylvania life from 1750 to 1900. Visitors will be able to see the Veterinarian's Office; the Isaac Landis Gallery; and the Grossmutter House; areas open only on special occasions. On Sunday, the Lancaster County Folk Music and Fiddlers' Society will perform.

Several crafts have been added to this year's program. June Garges, Audubon, Pennsylvania, will demonstrate rye straw hat making. Garges is the author of the book, **Handcrafted Straw Hats.** Anthony Emery, from Bath, Pennsylvania, will make fishnets. Additional crafts featured in 1982 include red clay roof tile making (Sunday only), reverse painting on glass, and clock repairing

Other "Craft Days" activities include: Baking, Bandbox making, Bargello embroidery, Bed Roping, Blacksmithing, Bullet Molding, Cabinetmaking, Candle Dipping, Chair Caning, Coopering, Counted Thread Embroidery (Sunday only), Egg Scratching, Fraktur, Fruit and Vegetable Drying, Gasoline Engines (Sunday only), Gunsmithing, Lacemaking, Leather Working, Open Hearth Cooking, Paper Marbling, Pewter Casting, Pottery, Punch Paper Embroidery (Saturday Only), Quilting, Rug Braiding, Rug Hooking, Rye Straw Basketry, Scherenschnitte, Shoemaking, Spinning, Splint Basketry, Steam powered Shingle Mill, Stenciling, Stone Cutting, Tatting, Ten Plate Stove Cooking, Theorem Painting, Tinsel Painting, Tinsmithing, Weather Vane Making (Sunday Only), Weaving, Whitesmithing, Whittling, and Wood Turning.

Harry Breneman of New Providence works in the Harness Shop of the Pennsylvania Farm Museum. Breneman will demonstrate leather working during the annual craft days - slated for June 5 and 6.

The Pennsylvania Farm Museum of Landis Valley is located four miles north of Lancaster on Route 272, the Oregon Pike.

For additional information, call Susan E. Hanna at 569-0401.

SCSA meeting focuses on conservation politics

ANKENY, Iowa — Political forces that shape conservation policy and practices will be the focus of the 37th annual meeting of the Soil Conservation Society of America, August 8-11, 1982, in New Orleans, Louisiana.

The theme of the meeting will be "The Politics of Conservation." Activities will center in the Marriott Hotel.

Rudy Dudal, director of the Land and Water Development Division of the Food and Agriculture Organization of the United Nations in Rome, Italy, will present the first of three keynote addresses, "Land Degradation in a Global Perspective." James W. Giltmier, legislative assistant to Senator John Melcher, will follow with a discussion, "What Priority Conservation?" R. Neil Sampson, executive vice president of the National Association of Conservation Districts, will then wrap up the keynote session with an address, "Building a Political Commitment to Conservation."

The Fifth Annual H. Wayne Pritchard Lecture will be delivered by Attorney Philip M. Glick of Chevy Chase, Maryland, an author of the original soil conservation district state-enabling legislation.

Also featured on the meeting program will be a panel discussion, "The Politics of Making Conservation Happen." Participants will be Merilyn Reeves, natural resources coordinator for the League of Women Voters; Don Collins, director of product development for the Monsanto Corporation; Kenneth G. Higgs, director of the Metropolitan Toronto and Region Conservation Authority; and Dennis Le Master, chairman of the Department of Forestry and Range Management, Washington State University.

Prior to the panel, Jack Dangermond, director of the Environmental Research Systems Institute, Redlands, California, will speak about geographic information systems and how they can be used in making political decisions.

The program also includes seven concurrent technical sessions planned by SCSA's resource conservation divisions. These sessions will cover a variety of land and water management issues, including soil erosion control, wetlands conservation, aquaculture, prime farmland protection, land subsidence, forest management, surface mine reclamation, energy development, coastal zone management, irrigation and water conservation, and acid rain.

Tours of conservation points of interest in and around New Orleans are also planned

Program chairman for the meeting is Richard Hollier, Jr., of Opelousas, Louisiana Alton Mangum of Alexandria, Louisiana, is in charge of local arrangements.

Registration information for the meeting, including a copy of the preliminary program, is available on request from SCSA, 7515 N.E. Ankeny Road, Ankeny, Iowa 50021.

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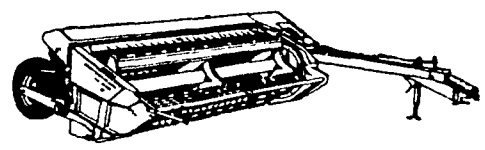

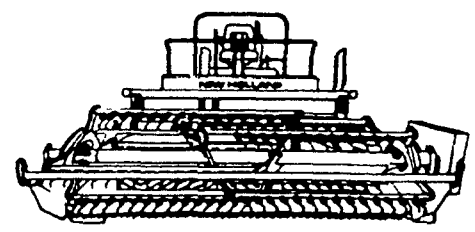

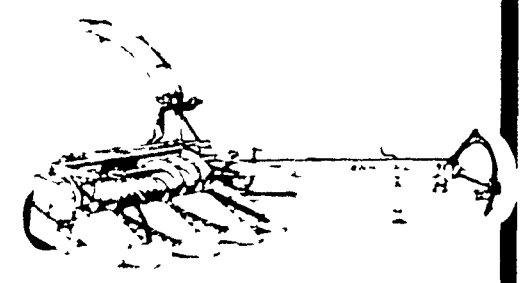

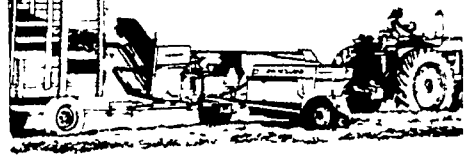

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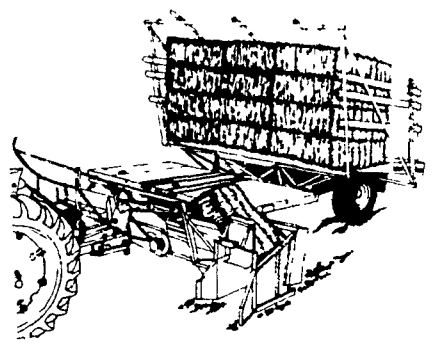

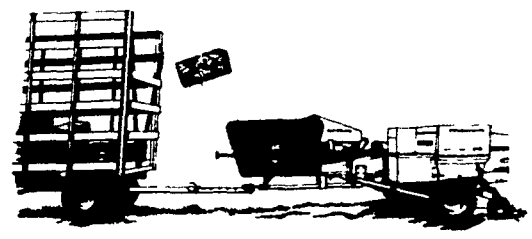

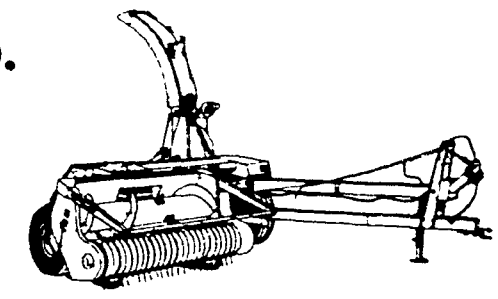

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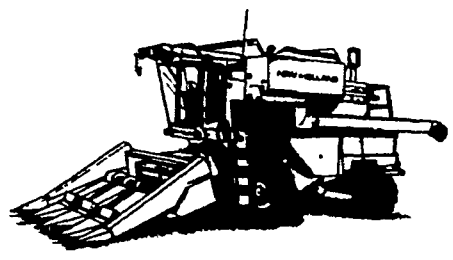
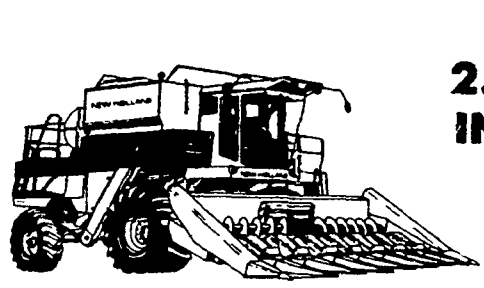
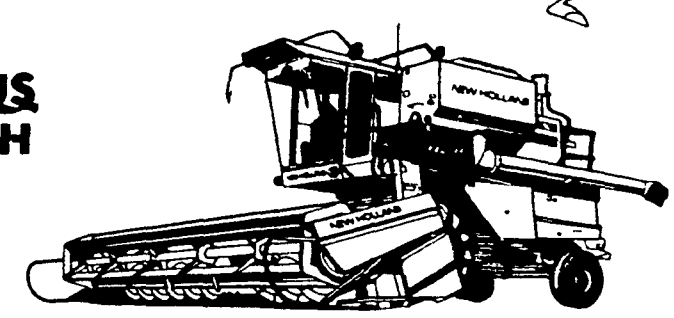


1. DURING MAY WAIVER OF FINANCE IS AVAILABLE ON ALL COMBINES TO 1/1/83.

OR



2. GET A 7% DISCOUNT BONUS IN MAY ON AMOUNT OF CASH PAID FOR ANY MACHINE NOT FINANCED



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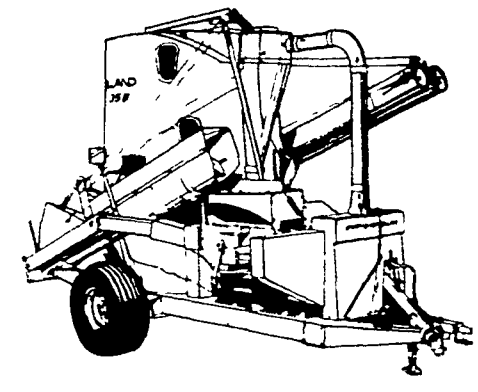

2. WAIVER OF FINANCE CHARGES TO 9/1/82

OR

3. A 5% DISCOUNT BONUS DURING MAY ON THE AMOUNT OF CASH PAID FOR A MACHINE THAT IS NOT FINANCED

Lona Anderson

Nancy Eisenhart

Donna Godfrey

Penny Hess

Kathy Rauhauser

Five vie for York dairy crown

BY JOYCE BUPP
Staff Correspondent

YORK — Five young dairy women will compete for the crown of York County Dairy Princess at 8 p.m. on May 29 at the York County 4-H Center

Contenders for the crown at the 28th annual pageant are Lona Anderson, Nancy Eisenhart, Donna Godfrey, Penny Hess and Kathy Rauhauser

Lona Anderson is the daughter of Mr. and Mrs. H. Gene Taylor, Glen Rock R3 This 17-year-old is a senior at Dallastown Area High School, with future plans to work on the family farm and study computer science at college.

She is manager for the school's volleyball team and a member of the church softball team. Lona's chores on the 47-head Holstein family farm include milking, and calf care.

Eighteen-year-old Nancy Eisenhart is the daughter of Mr. and Mrs Rodney Eisenhart, R1 Thomasville A senior at Spring Grove Area High School, Nancy plans to study computer science at Penn State, York campus.

A member of several local and county 4-H club projects, Nancy is also head typist for the school newspaper, a member of the marching band front, and is active in church activities. The Eisenhart family milks 70 Holsteins, where Nancy assists with the milking chores.

Donna Godfrey is the daughter of Mr. and Mrs. Clarence Godfrey, Glen Rock R2. A junior at Dallastown Area High School, the 16-year-old plans to major in journalism at college

Donna serves on the school newspaper staff, and is a member of the Southwest 4-H Dairy Club and dairy bowl. Last year she was part of the first-place 4-H state physical fitness team.

The owner of three cows in the family's 50-head herd, Donna helps with milking and feeding chores, as well as the field work.

Seventeen-year-old Penny Hess is the daughter of Mr. and Mrs. Charles Hess, R1 Dallastown. A senior at Dallastown Area High School, Penny plans to work for a year, and then pursue studies at West Chester as an athletic trainer.

A participant in several school activities, Penny is head baseball manager, a member of the field hockey team and the band, and chaired the prom decorations committee.

She's employed as a hostess at Pappy's Pizza, and helps as needed on the family's 85-Holstein milking operation.

Kathy Lynn Rauhauser is the daughter of Mr. and Mrs. Charles Rauhauser, Admire Road, Dover. She's a 19-year-old graduate of the Central Pennsylvania Business School, majoring in mass media.

While in college, Kathy sang with the Contemporary Singers group, and participated in the Media Plus club.

A former 4-H member, she plans to become an adult 4-H leader, and enjoys showing cattle Kathy owns five head of Jerseys in the family's 80-cow dairy operation

Chester to hold dairy pageant

WEST CHESTER — Chester County's 1982 Dairy Princess Contest will be held in the Children's Court of the Exton Square Mall on Saturday, May 29 at 11 a m.

This contest will highlight the end of a weeklong promotion celebrating milk, and it will also terminate the reign of Charlene Rohrer who currently holds the county title as well as the state title

Five girls will be vying for the title as Chester County's Dairy Princess. They are

Cynthia Donough of Coatesville has recently moved to Chester County and has already taken an active role in both school and 4-H activities She is a 16-year-old academic student attending Coatesville Area High School and planning to attend college and major in dairy husbandry. Cindy is the daughter of Mr and Mrs Paul Donough who milk 50 Holsteins and Jerseys of which 9 are owned by Cindy

Amy Elliot of Pottstown is the daughter of Ronald Elliot who has a milking herd of 65 Holsteins. She is 17 and attends Owen J. Roberts High School , She is active in chorus, summer theater, church choir, and is a bible school teacher. She plans to atend college after high school.

Bonnie Lamborn of Oxford is the 18-year-old daughter of Mr. and Mrs George Lamborn who owns a milking herd of 39 Holsteins, a few of which Bonnie owns herself. She is a graduate of Oxford High School and works part time at the Oxford PennSupreme and on the family farm An active member of the Oxford 4-H Dairy Club for 9 years, Bonnie was also active in chorus, track and FFA. She also held many offices as a member of her 4-H and FFA chapters.

Leslie Schofield of Pottstown is the 18-year-old daughter of Mr. and Mrs. William Schofield. She owns one Ayrshire cow. Leslie attends Owen J Roberts High School and plans to attend Virginia Tech in the fall to major in dairy science She is an active member of FFA, National Honor Society, Band, Field Hockey, Basketball, LaCrosse, Letterman's Club, Girl's Leader Corp and the school newspaper.

Marilyn Stoltzfus of Atglen is the 17-year-old daughter of Mast and Anna Stoltzfus. They own a herd of 50 milking Holsteins. She is presently attending Lancaster Mennonite High School and plans to work on the family farm upon completion of her studies. She participates in field hockey, softball, youth group and FAA.

After the crowning of the princess, a milk punch will be served at the Dairy Display of the Exton Mall

Hunterdon Co. plans dairy princess pageant

FLEMINGTON, N J — "June is Dairy Month, that time of year when we select a new Hunterdon County Dairy Princess," says Marie Schwab of Ringoes, chairman of the Dairy Princess Committee.

This year the contest is scheduled for Wednesday, June 30, at the Stanton Grange Hall.

Current dairy princess is Sandy Rogers, Everitts Rd., Raritan Township. She appears frequently in programs scheduled at malls around the state, and often speaks to school audiences. She has been an effective spokesman for the dairy industry, reports Schwab

"We are in hopes that the 1982 Dairy Princess Contest will be the best ever," says Schwab. In addition to being a spokesman for Hunterdon dairy farmers, the princess will be the county's entry in the State Dairy Princess contest scheduled during Flemington Fair Week

In addition to the princess, a first runner-up will be named. She will serve as alternate whenever the princess is not available for an appearance The runner-up will also be an entry in the State Dairy Princess Contest

Prizes include $50 for the first place winner, $25 for second Winner and alternate will attend a training program at the University of Delaware, expenses paid by the local committee.

Winner in the New Jersey State Dairy Princess Contest receives a $200 cash award, plus a $300 wardrobe allowance.

The state-wide program is made possible through efforts of the American Dairy Association.

Applicants must be unmarried, between the ages of 17 and 24 years, have a dairy farm background, and an interest in the promotion of milk and dairy products.

"We would like all eligible young women in Hunterdon County to take part in this year's pageant," says Schwab "It's a great opportunity for her to gain experience, make a contributing to the dairy industry, and to promote good health and eating habits to the citizens of New Jersey "

Entry forms are available in the office of the Hunterdon County Extension Service, Extension Center, Route 31, north of Flemington. Phone number is 788-1339.

CAREFREE DAYS
the dairy way

Contestants for the Chester County Dairy Princess Contest, to be held next Saturday at the Exton Square Mall, pose here with this year's county and state princess, Charlene Rohrer, and the county alternate princess Nancy Yarnall. From left to right, back row are: Bonnie Lamborn, Marilyn Stoltzfus, Cindy Donough and Leslie Schofield.

Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

WONDER WHERE YOUR $ WENT?

Do you ever wonder if you are the average American? Can you believe that other families spend as much of their pay check for food as you do?

Economists say that most of us spend about 35 percent of our total income for federal, state and local taxes. That's clear. You may not like it, but at least you know where it goes. What about the rest of the take-home check? Is that so clearly cut?

Here is a list of average expenditures as a percentage of take-home pay. Look at them and think about your own spending habits. Yours may not be the same at all but, it's a good idea to ask yourself why your pattern is different. You may find you are spending more on one category than you intend. Reconsidering your buying habits is a good way to tighten your budget. * Housing & Household Operation 28%; * Food and Beverage 20%; * Transportation 14%; * Medical Care 9%; * Clothing 8%; * Recreation 15%; * All other (including savings) 15%.

BUILD YOUR FAMILY STRENGTHS

Doing things together, spending time together, talking and sharing — these are trademarks of strong and happy families. Strong families matter. They help each other cope in times of stress, they promote well-being and self-worth, they teach each other to take responsibility for their lives.

Families can learn to enjoy their time together — they can become strong. One way is to plan to do something together Take a field trip or an outing this spring — but plan ahead if you have small children. If you and your children develop the habit of having fun together early, it will stay with you throughout life. Here are some pointers to help you make your next trip with young children a success.

Consider the age of your child. Is this the time to take a friend along? Know what your child likes and is able to manage. Plan to spend only as much time as you all can handle. Choose a place that will really interest your child — don't just go somewhere to go.

Several days before the outing contact someone at the place you will visit. Sometimes the owner or manager can plan something special or give you more information to help you plan your day. If you are going to watch someone at work, make sure the time is convenient.

Prepare your child. Explain where you are going, what you will see, and when you will go. Children like to know what's going to happen and what it's going to be like. If there are special precautions to take, explain them before you go. And always be clear about the behavior you expect.

Give your child specifics. Talk about things to see and look for. If you can, look at a book about the subject before you go. Take along a pad and pencil so you and your children can make notes or drawings of things you see.

After your trip, talk about what you've seen and done. Talk about each other's reactions and about the things you liked best. What was funny? What was surprising or interesting? What was the best part? These are the things that bind families together.

Scientists announce new approach to Md. ag research

COLLEGE PARK, Md. — The University of Maryland and the Maryland Agricultural Experiment Station announced last Tuesday they will implement a program to provide new opportunities for multi-discipline agricultural research

The program is called the 'Center for Advanced Agricultural Concepts" and will be located at the Wye Research and Education Center near Queenstown, Md

Stressing a "multi-discipline approach" to challenges facing American agriculture, MAES Director W.L Harris said the program will "concentrate on bringing a combination of our research resources to bear on some of these problems.

"This is a systems approach to agricultural research, one which is valued by science because it is a way of looking at a problem from several different perspectives

"With this Center we are providing the opportunity for a coordinated group of scientists to work as a research team seeking solutions to complex problems rather than as individuals pursuing the objective of a single discipline," Harris said

This program will build upon that which has existed at Wye since 1966. The research accomplishments at this site have included the development of no-tillage agricultural systems and the successful breeding of wheat, soybean and strawberry plant varieties.

Six areas of research will fall under the Center's program They are:

* **Integrated Pest Management,** in which scientists will study biological, chemical and cultural methods of pest control. In addition, they will examine the economic factors and environmental effects of pest control to determine the most efficient control methods in crop applications.

* **Cattle Breeding and Genetics,** in which animal scientists will continue their studies of the world-famous Wye Angus Herd.

* **Plant Genetics and Breeding,** in which agronomists, botanists and horticulturists will attempt to breed plants with characteristics suitable for Maryland crop growers, establishing new plant germ plasm for disease-resistance and sound nutritional characteristics

* **Energy Development, Use and Conservation,** in which scientists will study agriculture's increasing dependence on finite sources of energy and will explore alternative energy source development

* **Quality of Life,** in which research will concentrate on the physical, social, and community problems which add to an aesthetic environment Research areas will include landscaping, ornamental plants, and forestry

* **Interaction of Land and Water,** in which researchers will examine the complex relationships between soil, air, water and agriculture's use of these resources

An effective research program requires an efficient and broad based system of technology transfer, Harris said. In addition to the Maryland Cooperative Extension Service, the Center will have access to the resources of the Aspen Institute of Humanistic Studies and Wye Institute for this important aspect of the program.

"The Center is ideally suited to provide information to large numbers of people who need, and are requesting, this information," Harris said.

"This is an ever-growing group which includes Maryland farmers, consumers, agribusinessmen and women, scientists, students and policy makers," Harris said.

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? That's A ? Good Question

I'm wondering if you could tell me where I can buy juice made from raw fruits and vegetables? I'm interested in trying it for better health. As we have no electricity on our farm we cannot use electric juicer or extractors, and don't know where else to get the juice. Are juices available on the market?

Mrs. Samuel Beiler
Rebersburg, PA

Mrs. Beiler:

Yes, juice from raw vegetables can be purchased at any nearby grocery store. A mistake which often occurs is that people associate fruit drink with fruit juice. Any product labeled "juice" must be 100 percent pure juice from the fruit or vegetable. Fruit drinks, on the other hand contain larger amounts of sugar and water and added preservatives. Therefore, if you buy a product marked "juice" you can be assured it is pure from the vegetables or fruits. The only exception might be tomato juice which must be cooked. To find tomato juice, we suggest looking in a health food store which might be in a local mall.

I am inquiring about the Union Stock Yards (Lancaster Stockyards) Lancaster, Pa. In your paper you report the prices paid for cattle, calves, etc. In the slaughter steer section there are various grades, such as High Choice and Prime, Good and Choice, etc. Are the steers graded before the auction or is the grade dependent upon the price that is received during the actual auction?

It is noted that the prices and grades you print are supplied by USDA. Is this report by USDA conclusive for all prices paid that day at the auction? If a steer was graded or received a STANDARD price, would this be in the USDA report?

Ernest Cutter, Jr.
Durham, N.H.

Mr. Cutter:

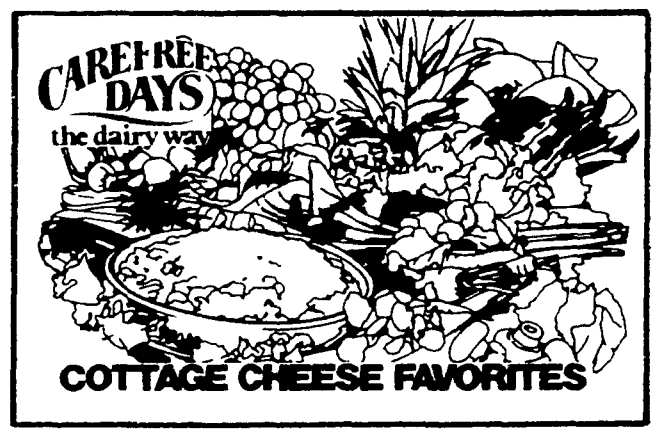
According to James Anderson, officer in charge of USDA Livestock Market News, the grades assigned cattle are not dependent on the prices received during the auction. Standard practice for grading cattle is to grade a pen at a time according to the majority of cattle in the pen. Grades are not changed after auction. Mr. Anderson describes his job as "trying to tell someone what the cattle are worth. My job is to describe them through a grade." He also explained that the reports supplied by USDA are conclusive for 90 percent of all the prices paid that day. Extremely low or high selling cattle which could drastically change the average selling price are not included.

Could you please send me information on where I can obtain plans for a solar calf kennel? These would be like those advertised on page C35 of your April 17 issue.

Ronald Price
Staunton, VA

Mr. Price:

As our title says, "that's a good question," because so many farmers desire plans for buildings they could build themselves if they only had the blueprints. But most don't realize that the Extension keeps blueprints available at all times on various buildings and pens. The particular plans that you are inquiring about can be obtained by writing to: Penn State University, Agricultural Engineering Building, University Park, PA 16802, and ask for "Solar Calf Kennel - plans # 723-219."



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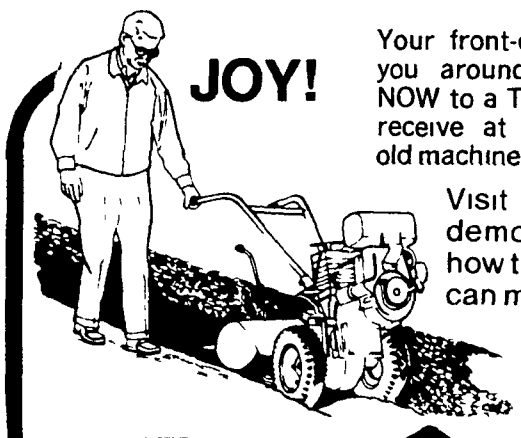

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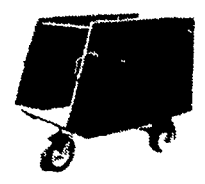

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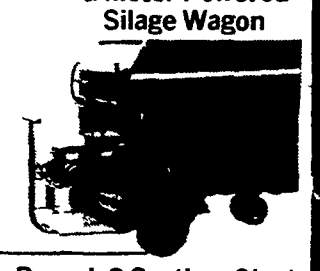

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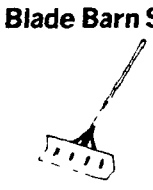

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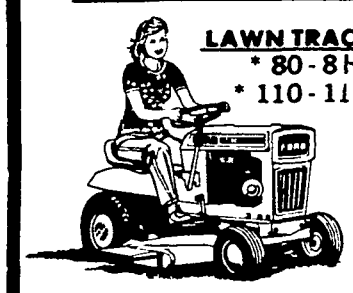

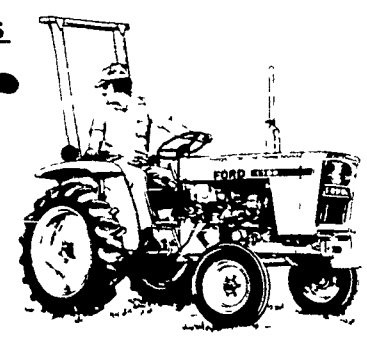

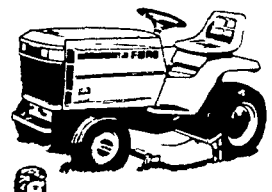

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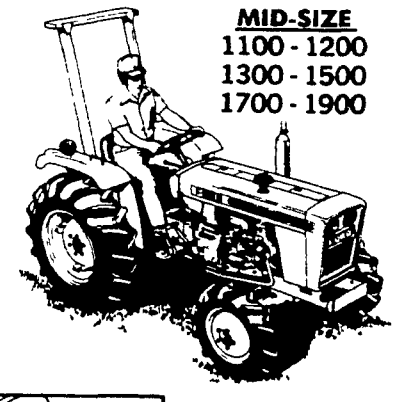

GARDEN TRACTORS
100
120
125
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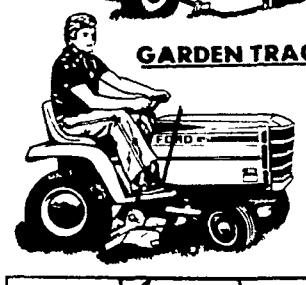

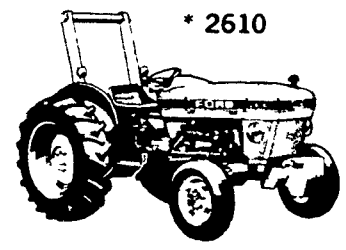

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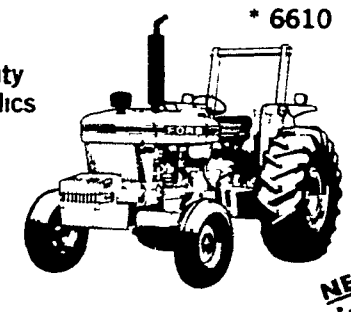

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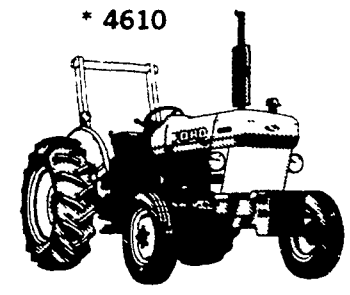

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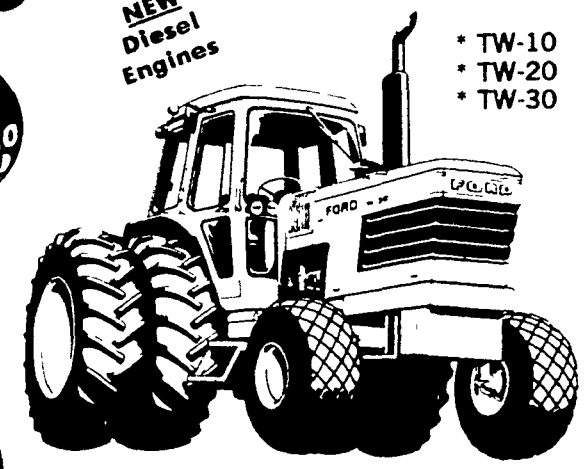

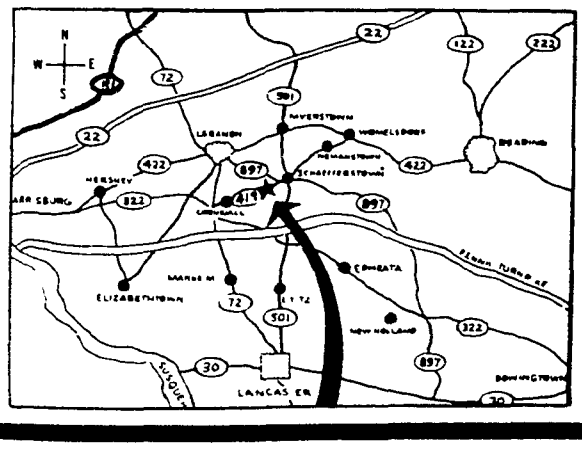

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New Oxford FFA establishes Herr Memorial Award

BY GINGER SECRIST MYERS
Staff Correspondent

NEW OXFORD — Prior to reaping any of their own well-deserved project laurels, the members of the Conewago-New Oxford Chapter of the Future Farmers of America chose to open their recent Annual FFA Parent and Member Banquet with a very special dedication.

New Oxford Vo-Ag Instructor Brian Campbell announced that this year's banquet was dedicated to the memory of Clair Herr, a longtime member of the Vo-Ag Advisory Board and a strong supporter of all youth activities.

Herr was killed in a farm accident on May 3. In his honor, the chapter has established the Clair Herr Memorial Award upon which the names of Star Chapter Farmers and Star Greenhands will be inscribed. The award will be on display in the vo-ag room.

Guest speaker for the evening was the State FFA Vice President, Glenn Wenger, Myerstown. Speaking to the 45 members and their parents and guests, Wenger likened the lessons taught in the FFA program to those taught by teamwork. Bubbling with enthusiasm that was kindled by his attendance at President Reagan's farm visit, Wenger emphasized, "We must learn to live and work together. When we work as a team, we do more work, we do better work, and we enjoy our work more."

Highlighting the evening was the presentation of numerous awards and special recognitions. Honored for their guidance and service to the Conewago-New Oxford Chapter were Mike Weimer, Tom Weimer, Mary Reiman, and Don Rhodes. They received the Honorary Chapter Farmer Award.

Peg Murren and Jeff Murren were named Star Chapter Farmers, while the distinction of Star Greenhand Degree went to Rodney Herr. Peg Murren also captured a double honor by being chosen to receive the Charles Smith Award for Agricultural Production. Named in honor of and presented by retired vo-ag instructor Charles Smith, Peg received a special plaque and a crisp, new twenty dollar bill.

Numerous chapter members captured FFA Foundation certificates and medals. These awards are sponsored by both the National and State organizations and are determined by projects and contest placings. Recognized for their proficiency in specific areas of the vo-ag program were Tom Smith, Swine Finishing; Scott Malhorn, and Rick Riley, Soil and Water Management; Rodney Herr, Farm Safety; Sarah Myers, Dairy Production; Rodney Laughman, Beef Production; Tim Laughman, Poultry Production; Barry Eline, Diversified Livestock; Rodney Herr, Swine Breeding; Clark Hall, Agricultural Sales and Service; John Hess, Placement and Agricultural Production; Mike Starner, Home and Farmstead Improvement; Joe Dettenburn, Agricultural Processing; Bob Tyler, Agricultural Mechanics; and Jack Orner, Forest Management.

Wade Krout received the Keystone Farmer Degree. Of special pride for the chapter was the recognition of Don Rhodes, who has been chosen to receive the American Farmer Degree. This award is the highest degree that an FFA member can obtain. Don will be traveling to Kansas City in November to receive his degree at the national meeting.

Officer pins were presented to Jack Orner, president; Ralph Sanders, vice president; Barry Eline, secretary; Brian Ness, treasurer; Sarah Myers, reporter; Ike Staub, sentinel, and Rodney Herr, chaplain.

Top award winners at the Annual Parent and Member Banquet of the Conewago-New Oxford FFA Chapter include, from the left, Rodney Herr, Star Greenhand; Peg Murren, Star Chapter Farmer and recipient of the Charles Smith Award and Jeff Murren, Star Chapter Farmer. At right is Brian Campbell, vo-ag instructor at New Oxford High School and chapter advisor.

Brian Campbell, right, advisor to the Conewago-New Oxford FFA Chapter, presents Honorary Chapter Farmer Degrees to, from the left, Tom Weimer, Mike Weimer and Don Rhodes. A similar award also went to Mary Reiman.

SE Farm Credit selects Tom Roth for scholarship

POTTSTOWN — Thomas B. Roth, member of the Owen J. Roberts FFA Chapter, has been selected by the Board of Directors of the Southeast Farm Credit Associations as recipient of their $500 scholarship for 1982.

A senior at Owen J. Roberts and the son of Mr. and Mrs Ronal Roth, Star Route, Pottstown, Tom plans to enter Penn State's College of Agriculture in the fall to major in dairy research or production. He will eventually enter the dairy industry.

This marks the first of a planned annual scholarship to be awarded by the Southeast Farm Credit Associations, which serve the five-county Philadelphia area.

An Eagle Scout at the age of 14, Tom has served during the past year as treasurer of the Owen J. Roberts FFA Chapter and Vice President of the Chester-Delaware FFA. Named a Keystone Farmer in January, he is very active in the Chester County 4-H Black and White Dairy Club

A member of the Society of Distinguished American High School Students, he was a member of the wrestling team in both junior and senior high. He plays First Trombone for both the High School Symphonic Band and the Marching Unit

He has also held the offices of vice president and chaplain in his FFA chapter. He received the National Foundation Award for Public Speaking, had a blue ribbon project and was a member of the third-place parliamentary procedure team in state competition

A member of the State FFA Band, he has participated in local and state dairy judging and on the chapter's public relations and budget committees.

Active in 4-H and the county dairy club, he has received the club's achievement award and numerous type, fitting and showmanship honors.

In Scouting, in addition to his Eagle honors, he has received the Silver Buckle as the outstanding camper and is a member of the Order of the Arrow, Brotherhood of Honor Campers. He serves as Junior Assistant Scout Master and in various patrol leader posts.

Thomas B. Roth

Berks FFA picks contest winners

OLEY — Top winners were selected recently in Berks County FFA competition in livestock, land,, forestry and poultry judging.

The Oley Valley FFA team finished first in the livestock judging contest. The team consists of Kirk Fisher, who was the top individual scorer, Jim Heffner and Greg Stufflet.

The Twin Valley FFA team finished two points behind Oley Valley in second place. Top placers on the Twin Valley team included Tom Hornberger, second; Rod Stoltzfus, fourth; and Joe Nonnemaker, sixth.

The Kutztown FFA team finished third in the team competition and Conrad Weiser FFA was fourth.

Judge for the contest, which included the placing of classes of beef heifers and steers, breeding and market sheep and breeding and market swine, was Henry Gruber, of A and B. Packing.

Also participating in the competition from Twin Valley were Mary McMullen, Mike Kline, Chuck Plank, Chris Coblentz, Genie Fultz and Daryl Simmons.

The Kutztown FFA team emerged victorious in the land judging competition. The Twin Valley team finished in the runnerup position, followed by Conrad Weiser, third, Tulpehocken, fourth; and Oley Valley, fifth.

The top ten individual scorers in the competition were Mark Latshaw, Kutztown, first; John Somnen, Conrad Weiser, second, Duane Aulenbach, Twin Valley, third; Bill Lesher, Tulpehocken, fourth, Craig Conrad, Oley Valley, fifth; Terry Wisner, Kutztown, sixth; Danny Evans, Tulpehocken, seventh; Brenda Werner, Twin Valley, eighth, Clark Sattazahn, Tulpehocken, ninth; and Todd Shane, Oley Valley, tenth.

Judge for the contest was Dwayne Pysher, Berks County soil conservationist.

Other Twin Valley FFA'ers taking part were Wade Bernard, Lisa Murray, Amy Baker, Scott Allwein, David Guch, Susan Simmons, Michelle Heverling and Harold Fulk.

Dee McDermot, Lisa Yoder, Vickie Walters, Pam Trostle, Jack Trego and Dwight Houck.

Eight members of the Twin Valley FFA dominated the forestry contest. They included Russ Wingenroth, first; Dave Sowa, second; Doug Brown, third; Ron Bennett, fourth; Dave Goodhart, fifth; Mike Snyder, seventh; Loren Kieffer, eighth; and Bill Lengel, ninth.

Finishing behind Twin Valley in the team competition were Oley Valley, second; and Tulpehocken, third

Judge was David Henry, forester for the Pennsylvania Game Commission.

David Noyes of the Twin Valley FFA finished in the top individual placing in the poultry judging competition.

In the team competition, Oley Valley FFA topped Twin Valley by just one point for the top spot.

The first-place Oley Valley team included Shaun Sparks, second; Scott Smith, third, and Dean Willman, fifth. Scott Degler, of Oley Valley FFA, was eighth.

Twin Valley participants, in addition to the first-place Noyes, included Kevin Griest, fourth; Greg Raser, fifth; and Chuck Reiff, ninth.

The third-place Kutztown team consisted of Brian Trexler and Jeanne Kunkel, tied for fifth; Mabel Burkert, sixth; and Beata Schaeffer, seventh.

Mark Yorgey, of Redwing Farms, served as the official judge. Redwing also provided the eggs, live and dressed birds for the contest.

Cedar Crest FFA elects officers

LEBANON — The Cedar Crest FFA Chapter has elected a new slate of officers for the coming year and has conducted a Food for America program in the elementary schools.

Heading the slate of new officers is Dave Ludwig as president.

Other officers include Jeff Zuck, vice president, Dana Lape, secretary, Heidi Peiffer, treasurer; Dave Groff, reporter, Ed Zuck, sentinel, Dan Groff, parliamentarian; Gary Krall, chaplain, Ann Lansberry, assistant vice president; Dave Gettle, assistant treasurer, Rick Houser, assistant reporter; Perry Gernert, assistant sentinel; and Kirk Juliani, assistant chaplain

Participating in the Food for America Program were chapter members Richard Houser, Heidi Peiffer, Dave Ludwig, Jere Fuhrman, Scott Eckenrode and Ann Lansberry.

The FFA'ers presented the program, designed to acquaint young students with the agricultural origins of food, to the third grade elementary classes in the Cornwall Elementary School District. The chapter used a large model hamburger, worksheets and a movie in the program

Also as part of the program, the FFA Chapter held a coloring book contest among the students The winners included.

Ebenezer School – Chris Munford, Theresa Cunna, Tiffany Emerich, Holly Laudermilch, Julie Kissinger, Eric Stauffer and Suzanne Munford

Cornwall School -- Robert Suarez, Jim Miller, Lisa Dietz, Jennifer Rankin, Kristi Yacklovich, Ammon Peiffer, Amanda Hagy, Darlene Ostrander and Margaret Wagner.

South Lebanon – Robert Warner, Tracy Nordai, Chris Bomberger,

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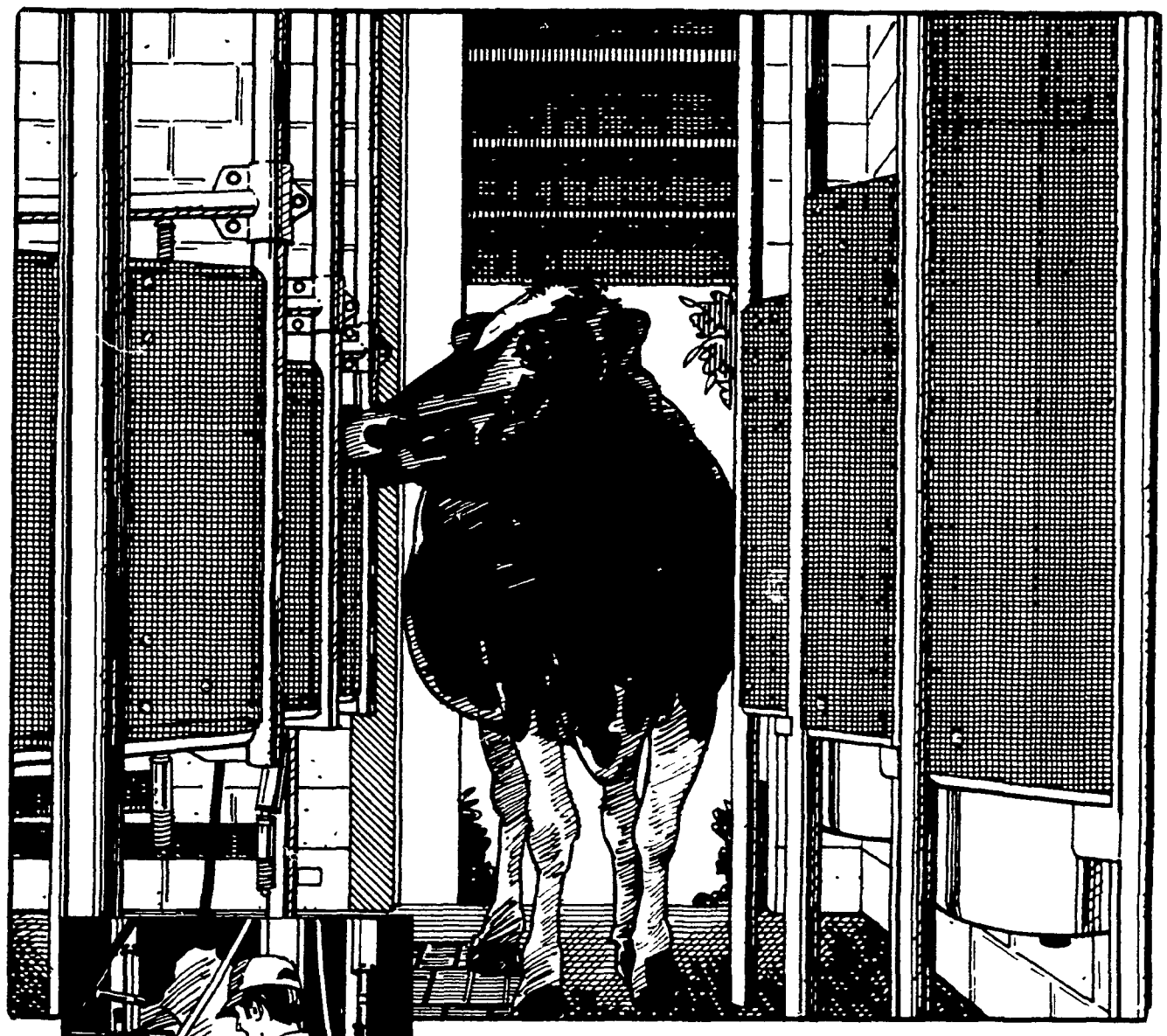

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Del. FFA officer wins junior broiler contest

NEWARK, Del — Ann Moore, Delaware State FFA treasurer, captured the championship in the state's Junior Broiler Contest.

After a couple of years of disappointment and a near miss involving the coveted championship, the state FFA officer's persistence has paid off with the crown, according to Horace Short, her FFA advisor at Caesar Rodney High School, where Ann is a senior.

Ann had the heaviest chickens in the 1979 competition – her first year in the Future Farmers of America program. They were so heavy that the machines couldn't process them properly. The same thing happened in 1980.

Ann's luck improved last year, when her birds took second place for overall quality. This year, her birds took the top award for quality, with a score of 92.65. Ann, of Wyoming, also won the award for the heaviest birds. Her seven broilers weighed a total of 40 pounds, or an average of 5.71 pounds per bird.

Ann has done an exceptionally good job every year, says Short. She pays attention to every detail, from the temperature of the water to the condition of the litter.

Not far behind Ann was Stephen Carroll, 4-H member from Middletown, who scored 91.9. Bryan Melvin, 4-H'er from Wyoming, came in third with a score of 91.2.

(Turn to Page B25)

Robert Baker, president of the Delaware Poultry Improvement Association, presents Junior Broiler award to winners, from the left, Lee Emerson, fourth, Middletown; Bryan Melvin, third, Wyoming; Stephen Carroll, second, Middletown; and Ann Moore, champion, of Wyoming.

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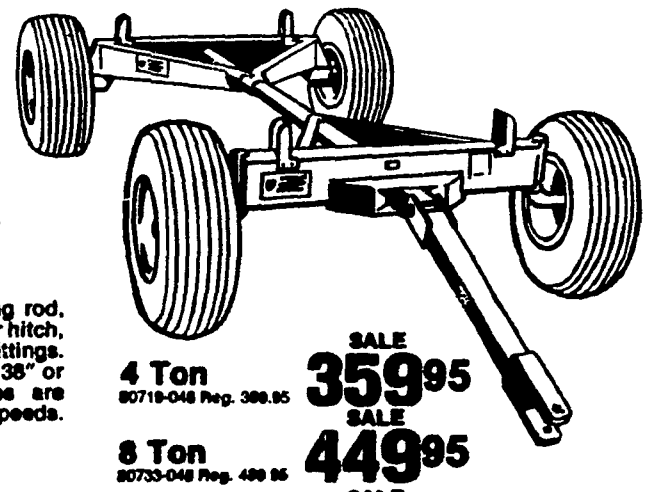

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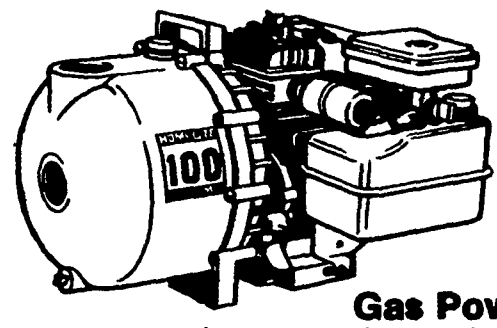

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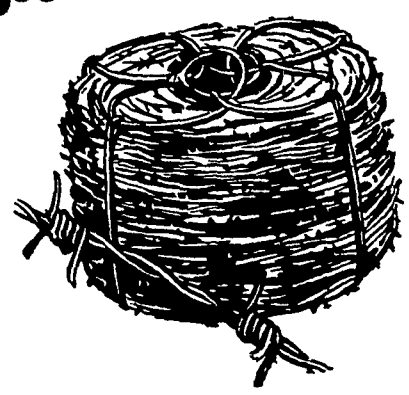

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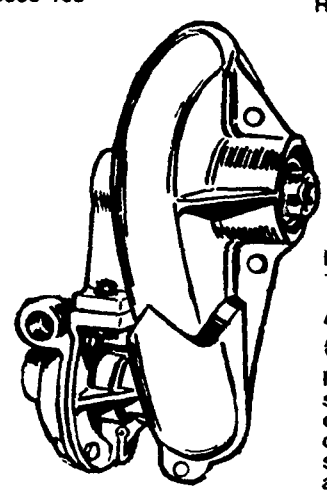

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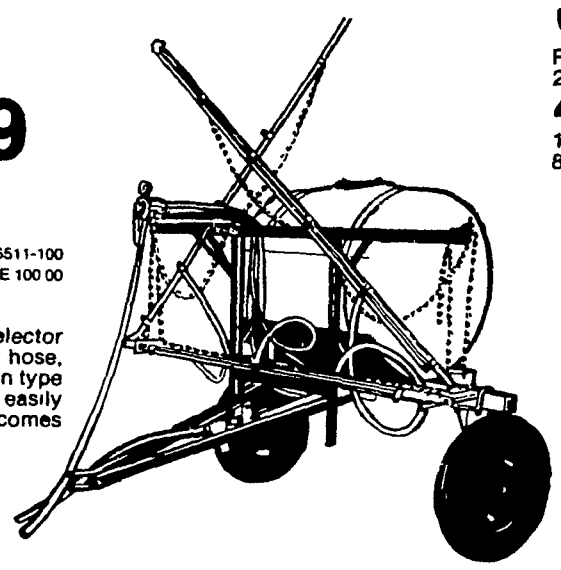

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Del. FFA officer wins contest

(Continued from Page B24)

He was followed by Lee Emerson, 4-H member from Middletown, who scored 91 5. All were awarded cash prizes

In addition, cash prizes went to the following contestants Matt Smith, Woodbridge FFA; Allen Cook, 4-H, Kenton; Dale Cook, 4-H, Kenton; Kevin Saylor, 4-H, Middletown, Mark Carroll, Middletown FFA, Shawn Cook, 4-H, Kenton, Cheryl Warren, 4-H, Kenton, Dwayne Caldwell, 4-H, Clayton, Barbara McClements, 4-H, Dover, Sondra Warren, 4-H, Frederica, Wade Caldwell, 4-H, Clayton, Kenny Warren, 4-H, Kenton, Jenny Smith, 4-H, Bridgeville, Ernest Skaggs, 4-H, Clayton, Sherry Sharpe, 4-H, Middletown, and Keith Warrington, 4-H, Bridgeville

Ninety-one individuals completed the competition Scores were based on condition, appearance, uniformity, weight, and conformation of the birds, and the record-keeping of the contestants Each contestant started with 50 chicks. The best seven from each flock were judged

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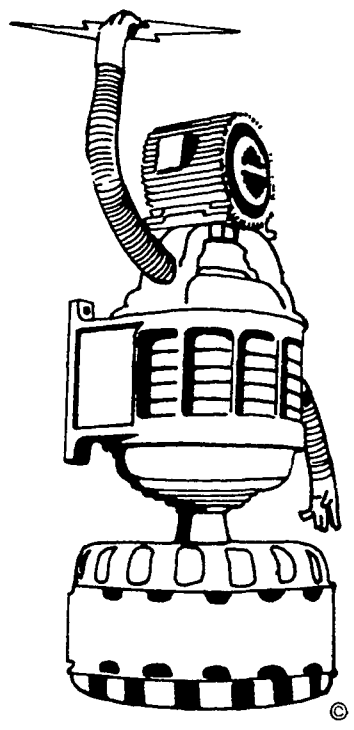

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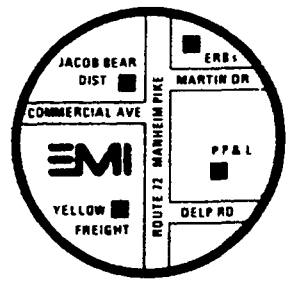

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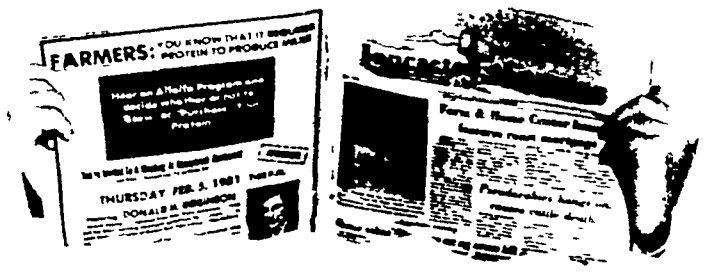

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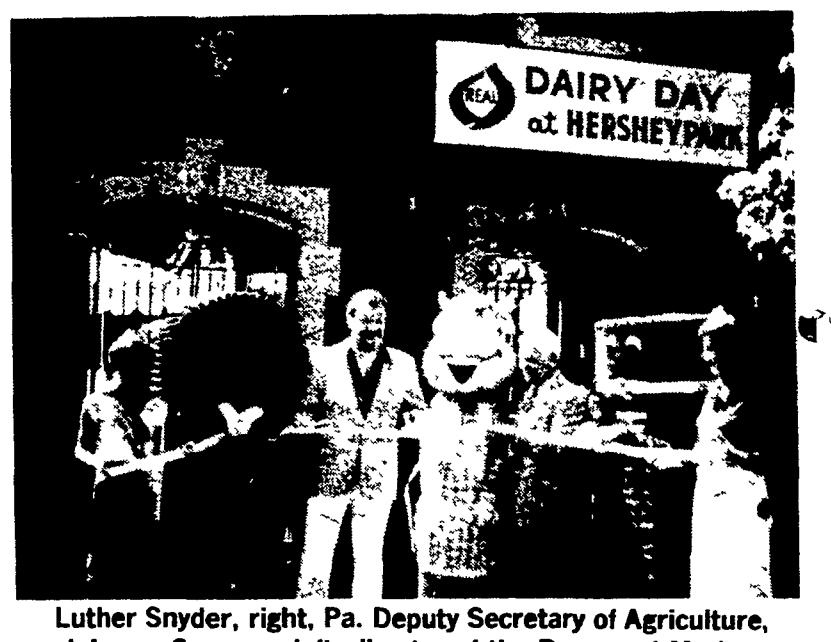
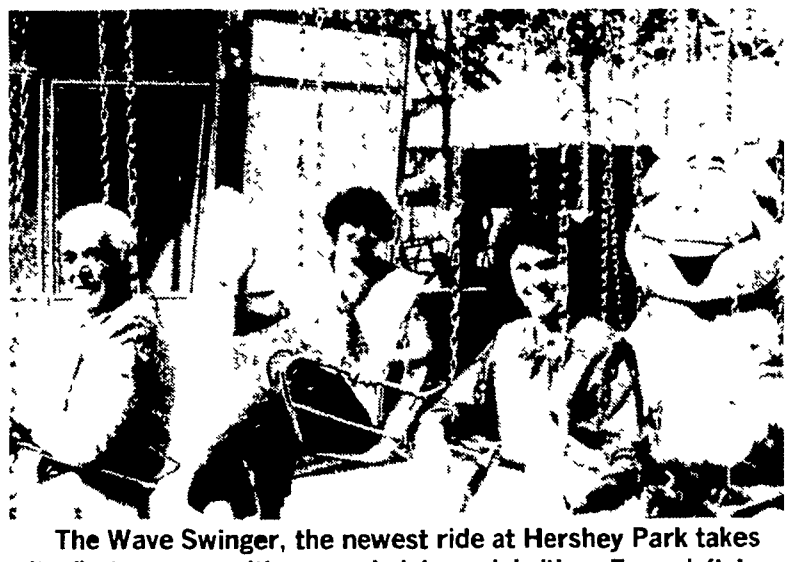
The Fresher Refresher

Milky finds he has a captive audience during opening day at Hershey Park. His fans include visitors from North Attleboro, Massachusetts. From left to right, the group includes: Steve McDavitt, Debbie McDavitt, William McDavitt and Sharon Lapierre.



Luther Snyder, right, Pa. Deputy Secretary of Agriculture, and James Summer, left, director of the Bureau of Markets officially open Hershey Park, last Saturday and proclaim it "Dairy Day" at the amusement park. Assisting them are Pa. State Dairy Princess Charlene Rohrer, right, Cumberland County Princess Vicki Basehore, left, Connie the Cow and the Hershey Park characters.



The Wave Swinger, the newest ride at Hershey Park takes its first voyage with several dairy celebrities. From left to right, the brave souls include J. Luther Snyder, Vicki Basehore, Charlene Rohrer and Connie the Cow.

Here's a line-up guaranteed to turn the most die-hard soda-slurper into a confirmed milk lover. From the left to right the dairy princesses include Cheryl Byers, Joanne Weidman, Charlene Rohrer, Tammy Yost, Vicki Basehore and of course Milky the Robot.

Farm and Home Foundation awards scholarships to 20 local students

BY SALLY BAIR
Staff Correspondent

LANCASTER — Twenty local students were awarded scholarships worth $750 each toward expenses in their freshmen year of college by the Farm and Home Foundation Tuesday evening.

The winners were selected on the basis of financial need, scholastic achievement and leadership and will be studying in the fields of agriculture, home economics and nursing. This is the second year that the number of scholarships awarded totaled $15,000.

Solanco High School dominated the county schools with six students from there being selected by the committee. Two Solanco students, Debra Hershberger and Douglas Hershberger, are the first brother and sister to receive the award in the same year. Debra, 17, will graduate in June and study nursing. Douglas, 19, graduated last June but postponed entering college after he was elected state president of the Future Farmers of America. Their parents are Mr. and Mrs. Robert Hershberger, R4 Quarryville.

The one home economics scholarship winner is Dispina Agouridis, 17, daughter of Mr and Mrs. Nicolas Agouridis, 160 Stanley Avenue, Landisville. This Hempfield High School senior will study fashion merchandising at Brandywine college. Dispina says she hopes to combine her like of people with her interest in clothing, and perhaps someday work with a fashion designer

Other agriculture scholarship winners include:

Daniel C. Fox, 17, son of Mr. and Mrs. Ivan Fox, Ephrata. A senior at Garden Spot High School, Daniel hopes to major in agricultural engineering at The Pennsylvania State University. He said he feels new and better methods of harvesting must be found to offset the loss of farmland which is affecting agriculture.

Ernst R. Frey II, 18, is the son of Mr. and Mrs. Ernie Frey,

(Turn to Page B28)

Winners of agricultural scholarships awarded by the Farm and Home Foundation include, from left: Karen Long, Timothy Fritz, Dean Long, Lowell D. Graybill and James L. Martin. Each of these high school seniors will receive a scholarship worth $750 toward their freshmen year in college.

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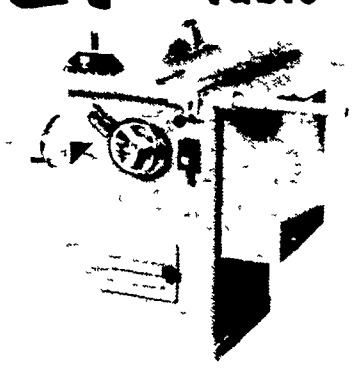

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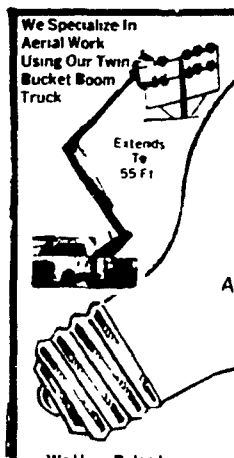

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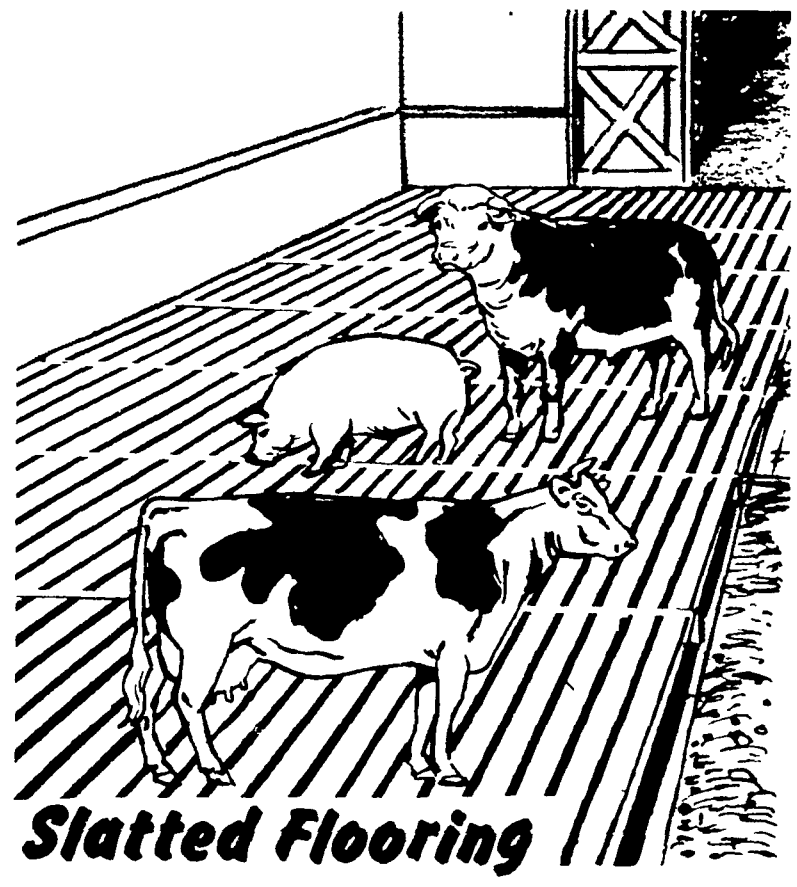

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Scholarships

(Continued from Page B27)

Quarryville R2, and is a senior at Solanco High School He will attend The Pennsylvania State University and major in livestock production. Having grown up on a beef and dairy farm, Ernie says he would like to get into a partnership on a family farm

Timothy J Fritz, 17, is the son of Mr and Mrs J. Harold Fritz, and is a senior at Conestoga Valley High School He will attend The Pennsylvania State University and major in agronomy or dairy production Tim lives on a dairy farm and hopes to study dairy or plant nutrition and would like to get into herd management

Lowell D Graybill, R2 Mohnton, is the eighteen-year-old son of Mr and Mrs John Graybill A senior at Garden Spot High School, he will attend The Pennsylvania State University and major in agriculture mechanization, with an eye to working for an agriculture equipment producer, working in field testing or designing.

Brett J. Holzhauer, 18, is the son of Mr. and Mrs. Robert Holzhauer, Holtwood R1. A senior at Solanco High School, he will attend The Pennsylvania State University and major in agriculture business Holzhauer credits his FFA work with giving him necessary knowledge and says he would like to work in cooperative business after graduation

Dean M. Long, 17, is the son of Mr and Mrs. Carl Long, 216 Briar Hill Road, Lititz. A senior at Warwick High School, Dean will study nursery management at Williamsport Area Community College He hopes he can continue working in the nursery field and adds, "I have always liked working outside."

Karen L. Long, 17, is the daughter of Fred Long, R3 Willow Street. A senior at Penn Manor High School, Karen will major in dairy production at The Pennsylvania State University with a special interest in dairy genetics and nutrition.

James L. Martin, 17, is the son of Mr and Mrs. Aaron Martin, Ephrata R3. A senior at Lancaster Mennonite High School, James will attend Goshen College in Indiana, where he will major in biology and tropical agriculture in a program designed exclusively to study agriculture development in the third world. Part of his undergraduate work will include traveling to a third world country, and after graduation he hopes to work for the Mennonite Central Committee in agricultural development.

Nursing scholarship winners include

Patricia L Ansel, daughter of Mr and Mrs Marvin Ansel, 1706 West Main Street, Ephrata, is a senior at Ephrata High School, and will attend Eastern Nazarene College to study nursing in a B.S program with Boston University She said, "I have always enjoyed working with people and I feel God is leading me there."

Nancy E. Derks, 17, is the daughter of Mr. and Mrs Norman Derks, Bainbridge R1, and is a senior at Elizabethtown High School She will attend Lancaster General Hospital School of Nursing.

Jodi A Gockley, 17, is the daughter of Mr and Mrs Gilbert Gockley, 1430 West Main Street, Ephrata, and is a senior at Ephrata High School. She will attend West Chester State College to obtain a B.S. in nursing. She said she hopes to combine her love of sciences and helping people in her chosen profession

Julia Klepper, 234 Park Avenue, Mount Joy, is the daughter of The Reverend David and Mrs. Klepper. A senior at Donegal High School, Julia, 17, will attend Lancaster General Hospital School of Nursing. She said she loves to work with and help children and hopes to enter pediatrics or obstetrics nursing.

Gail Sue Murry, 18, is the daughter of Mr. and Mrs. Clarence Murry, Peach Bottom R2. A senior at Solanco High School, Gail will attend the Chester County School of Nursing. She says nursing has been a "lifelong interest" and working in a nursing home has

(Turn to Page B29)

Five of the ten Farm and Home scholarship winners in the agriculture and home economics category are, from left: Brett Holzhauer, Daniel Fox, Ernst Frey II, Despina Agourdis, and Douglas Hershberger. Despina was the only home economics recipient.

Five of the ten nursing scholarship winners selected by the Farm and Home Foundation include from left: Julie Weaver, Debra Hershberger, Gail Murry, Diane Sauder and Lisa Steinhauer.

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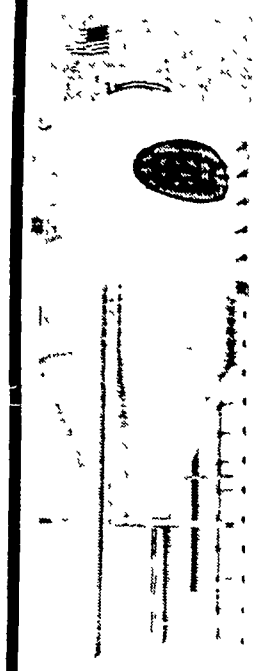

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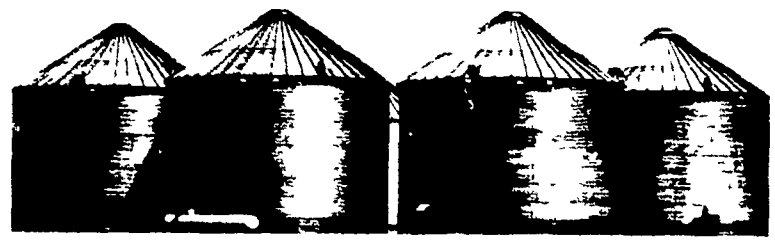

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Scholarships

These nursing scholarship winners are four of the ten chosen by Farm and Home Foundation to receive awards of $750 each. From left, they are: Milagros Perales, Patricia Ansel, Julia Klepper, and Jodi Gockley. Twenty local high school seniors were selected for the awards to be used during their freshman year of college.

(Continued from Page B28)

helped her confirm her wishes for a profession

Milagros Perales, 18, daughter of Mr and Mrs Artemio Perales, 736 Stevens Avenue, Lancaster, is a senior at J P McCaskey High School She will attend Lancaster General Hospital School of Nursing She said, "I don't like to see people overcome with sickness and death I dream of being a missionary nurse"

Diane Sauder, 17, is the daughter of Mr and Mrs F Lester Sauder, 252 East Main Street, Brownstown She is a senior at Conestoga Valley High School and will attend St Joseph Hospital School of Nursing About her chosen field, Diane says, I have wanted to help people since I was a kid The medical field is a good place because it offers job versatility"

Lisa Steinhauer, 17, is the daughter of Mr and Mrs Roswell Steinhauer, R1 New Providence She is a senior at Solanco High School and will attend Shippensburg State College to study medical technology She said she always wanted to work in a hospital and likes working with people

Julie A Weaver, 17, is the daughter of Mr and Mrs Raymond Weaver, 3121 Cochran Drive, Lancaster A senior at Hempfield High School, Julie will attend the Lancaster General Hospital School of Nursing and says she has wanted to be a nurse since she was four An aunt who was a nurse also influenced her decision

The scholarship program, in its eighteenth year, is paid for partly through a fund set up by the late Elmer Espenshade, who was instrumental in getting the Farm and Home Center established A portion of the scholarship money comes from his trust fund and the remainder comes from the Foundation treasury

Lebanon picks land winners

LEBANON — The Little Dutchmen FFA Chapter at Annville-Cleona High School swept the top three placings in the recent Lebanon County Land Judging Contest

First place went to Karl Brandt, with 279 points Just one point back in the runnerup spot was Daryl Balmer Third place went to Tom Inman, with 271 points

Members of the Cedar Crest FFA Chapter, who took part in the competition, were Dave Groff, 269 points, Paul Ulrich, 251 5, Scott Eckenrode and Jeff Zuck, 244 5, Dan Groff, 241 5, Gary Krall, 238, Brian Fulk, 235, and Ed Zuck, 234 5

Judges for the competition were Carl Brown, of the Lebanon County Soil Conservation District, and Karl Hellerick, of the Lebanon County Soil Conservation Service

Following the competition, chocolate milk was served to all of the contestants

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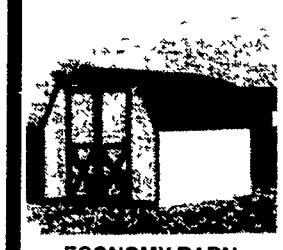

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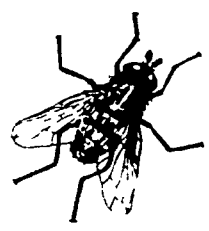

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Franklin Co. begins crop improvement assoc.

CHAMBERSBURG — Franklin County has recently become the third county in Pennsylvania to establish a Crop Improvement Association oriented toward agronomic crops, said County Agent John Shearer Centre and Bedford counties already have such organizations in existance.

The birth of the new agricultural organization occurred on Friday, May 7, in the Franklin County Extension Service headquarters, when twenty of the twenty-one charter members of the organization unanimously adopted their Constitution and By-laws.

The stated purpose is: "To work for the improvement of crop production and management techniques, thereby leading to the improvement of farming operations in the Franklin County area".

Shearer, stressed that the C.I.A. has been organized to provide "a total crop management service." He added that, "emphasis will be given to the scouting and monitoring of fields to detect insect, weed, and disease problems. .and to the maintenance of sound soil fertility thru regular soil-testing, field records, etc "

Presently organized as an adjunct to the Franklin County Cooperative Extension Service, the new organizatoin's headquarters will be within the Extension Service's complex at 191 Franklin Farms Lane, Chambersburg. The present 21 farmer-members are paying $4.50 per acre on an annual basis to underwrite the cost of the service. Approximately 6000 acres, mostly corn and alfalfa, are currently enrolled by the charter members in the program.

Tom Hall, College Park, Maryland, will start serving the Association as technician/manager on May 17. An additional summer employee will be hired in the very near future. Their services will be available to members only, by calling the Extension Office number, 263-9226. The new organization has applied for corporate status as a non-profit organization in Pennsylvania.

The twenty-one charter members of the new organization are J. Nelson Wengert, Chambersburg; Marvin Adams, Willow Hill; William Swailes, Willow Hill; Dennis W. Bricker, Chambersburg; Clement L. Haldeman, Greencastle; Benjamin L. Myers, Mercersburg; Wayne L Beidel, Newburg; Kenneth Schoenberg, Shippensburg; Vernon D. Horst, Chambersburg, Stoners Hijos Hill, Inc , Mercersburg; Dwaine Brechbill, Chambersburg; J. Wilmer Lehman, Willow Hill, Hissong, Farmstead Inc., Mercersburg; Echo Ridge Farm, Orrstown; Glenn M. Pugh, Shippensburg; Jaye C. Young, Greencastle; John R. Martin, Chambersburg; Kenneth E. Martin, Fayetteville; Donald Wengert, Shippenburg; Meyers Brothers Dairy, St. Thomas; and Ricecrest Farms, Chambersburg.

Charter officers of the new Franklin County Crop Improvement Association are: (seated, left to right) Kenneth Schoenberg, Shippensburg - president; John R. Martin, Chambersburg - treasurer. (Standing left to right) William Swailes, Willow Hill - vice-president; J. Nelson Wengert, Chambersburg - secretary.

What is a crop improvement association?

A crop improvement association is a farmer owned and operated crop management assistance service. Through organizing, farmers are able to hire a crop improvement technician who performs the many detailed tasks of collecting crop production information on member farms.

The goal of an association is the more efficient crop production by members. A sample of services provided by an existing organization is as follows:

- Assistance in establishing a crop production record keeping system on each member farm;
- Assistance in maintaining crop production records;
- Assistance in planning crop production needs (seeds, fertilizer, lime, pesticides, etc);
- Securing soil samples on a periodic basis,
- Securing tissue samples where special problems exist;
- Assistance in interpreting recommendations based on soil and tissue test results;
- Identifying and monitoring insect and disease problems such as; alfalfa weevil, potato

(Turn to Page B31)

Charter-directors of the new Franklin County Crop Improvement Association include: (standing left to right) J. Robert Meyers, Jr., St. Thomas; R. Gene Stoner, Mercersburg; Wayne Beidel, Newburg; Fred E. Rise, Chambersburg; and Jere Hissong, Mercersburg. (Seated left to right) Kenneth Schoenberg, Shippensburg; William Swailes, Willow Hill; J. Nelson Wengert, Chambersburg; and John R. Martin, Chambersburg.

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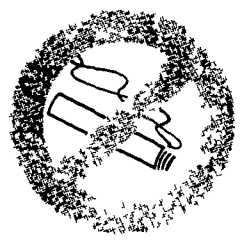

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Plant breeding "flowers" through pollen culture

BELTSVILLE, Md. — Plant breeders are always working to make a good plant variety even better. But once they find a better variation, they want to lock it into future generations.

By growing pollen in a test tube, breeders may have the best of both worlds, a USDA plant physiologist reports.

Gideon W. Schaeffer explains pollen culture allowed him to capture an "extra increment of dwarfness" in a California-bred rice that had been developed for its short stature by conventional breeding. And he has passed the shorter stature through several succeeding generations of rice plants.

Dwarfness is an important characteristic, he explains, because farmers can add fertilizer to increase yield yet still have short plants that won't blow over in strong winds or heavy rain and deteriorate in the mud. The new rice—a shorter variety of 'Calrose 76'—produces as much seed and has more secondary shoots than the parent.

Schaeffer explains that tissue culture induces some mutations in plant chromosomes (such as missing genes); it also causes a number of variations in the expression of plant genes, apparently due to "genes changing position within the chromsomes."

Scientists don't yet know why genes change position, he says However, plant breeders can take advantage of this phenomenon to capture unique traits they would not ordinarily find through traditional breeding. And by culturing pollen, one can lock these traits into future generations

Some of the pollen placed in tissue culture will grow into new plants that have unusual varieties—some desirable, some undesirable. (Even the traits undesirable to growers may be useful to scientists studying plant biochemistry.) Because pollen grains are the sex cells of plants (comparable to sperm in animals), they contain only half the normal number or chromosomes—or one partner of each pair of chromosomes.

Scientists have long been able to double plant chromosomes by treating plant tissue with the chemical colchicine Thus, pollen-generated plants can be treated so that they contain identical chromosome partners. And when self-pollinated, they produce identical progeny throughout succeeding generations, Schaeffer explained

To search for variations in rice, Schaeffer cultured more than 10,000 anthers—the pollen-producing male organs which contain between 2,000 and 10,000 pollen grains each Several pollen grains in about 10 percent of the anthers grew into tiny clumps of cells which Schaeffer transferred to a special medium for regenerating plants.

In addition to dwarfness, he got variations such as no secondary shoots, less seed, bushy plants, and other undesirable traits

"From a single anther, you can get very different types of plants," he explains "But if you double the chromosomes in any one of these types, you get complete uniformity in succeeding generations "

Rice pollen produced about 10 times more variability than wheat pollen grown in culture, and "far more variability than we ever would have predicted," he added

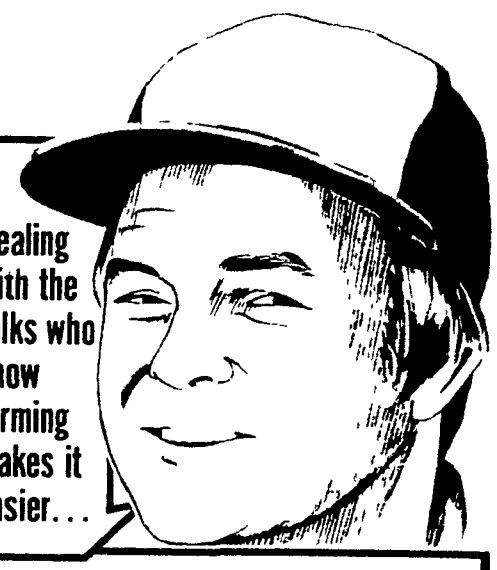
The trick is to find these variants quickly– before plant cells spend too much time in culture, he explained For the longer plant cells grow in a culture medium, the more their chromosomes shuffle genes

In order to find plant cells whose chemical makeup differs from the parent, Schaeffer says he needs more plant tissue than he can presently get from the tiny clumps of cells produced by the pollen He lets the tiny clumps grow into larger clumps, then breaks them up and subjects them to a chemical which kills all cells except those he is looking for

Using this method, Schaeffer found an improved rice with more of an essential protein component than its parent When he regenerated the surviving cells into plants, however, they displayed a number of undesirable traits picked up during their long-term stay in the culture medium Schaeffer said he had to self-pollinate the high-protein plants over five generations to eliminate the bad traits

In addition, scientists have not had much success in regenerating plants from these long-term residents of tissue culture

Schaeffer is working to solve both problems by improving the percentage of pollen grains that grow in tissue culture



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(Continued from Page B30)

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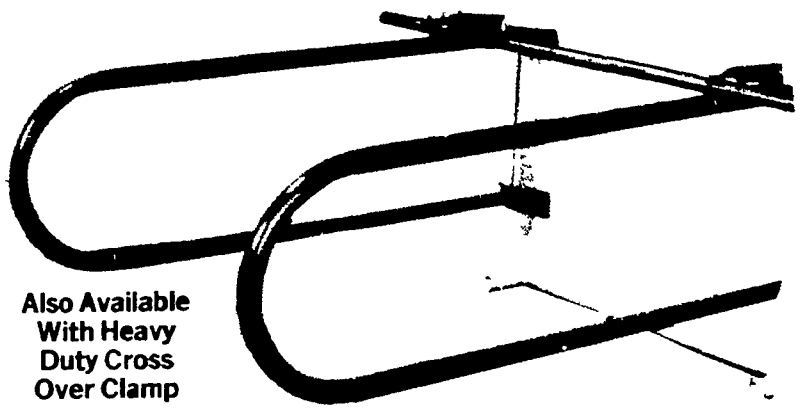
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Seasonal rains delay field work in U.S., Canada

WASHINGTON, D C. — Seasonal rains delayed field work in the United States and Canada during the first week of May and aided crop development in parts of Europe, according to a weekly report issued last week by the Joint Agricultural Weather Facility of the U.S. Departments of Commerce and Agriculture. Winter grains in China remain unfavorably dry, and lack of moisture is slowing corn growth in parts of Mexico.

Highlights of the report follow.

—**United States.** Temperatures were seasonably variable. Rainfall spread slowly east, interrupting field work over most of the nation's midsection and keeping fields too wet for optimal crop development in the Gulf Coast states. At week's end, a second storm benefited newly-planted crops in the northern States. Mostly fair weather aided field work in the Southeast and West.

—**Canada.** Light precipitation halted field work throughout the Prairie Provinces. Wheat planting is reportedly behind last year due to cool spring temperatures. Subsoil moisture is generally in good supply, but warmer weather is needed for planting and germination of spring-sown crops.

—**Mexico.** Dryness over most of the southern Plateau kept corn development slow. Citrus, sugarcane and grains in the northeastern and east central regions benefited from light to moderate showers. Heavy rains dampened rangeland and young cotton fields around Chihuahua.

—**USSR.** Mostly dry weather and seasonal temperatures allowed spring field work to progress in the Ukraine, Belorussia and central North Caucasus. Additional showers, however, would benefit winter grains. Spring grain planting is underway in southerly areas of the New Lands. Cotton planting appears complete in most of South Central USSR.

—**Europe.** Wet weather benefited winter grains in England and France and improved topsoil moisture for spring sown crops. Heavy rains in northern Italy caused local flooding and generally improved moisture supplies. Dry weather in Spain may have stressed crops but permitted increased field work in the southeast. Persistant showers in West and East Germany delayed spring field work. Light showers in Poland benefited most crops.

—**South America.** Mostly dry weather aided harvests in Argentina and Brazil. Showers occurred only in southwestern Rio Grande do Sul and coastal areas of Brazil. Brazil's wheat crop is being planted in central and southern areas. Low moisture reserves in southern Brazil necessitate reliance on substantial rain during the wheat growing season. Citrus and coffee areas of Sao Pulo and Minas Gerais are again dry. Southern Buenos Aires should have good soil moisture reserves for wheat planting.

—**Northwestern Africa.** Wet weather in northeastern areas of Morocco was not detrimental to winter grains. Generally dry weather in Algeria and Tunisia favored the maturing crop.

—**Eastern Asia.** Unfavorably, warm dry conditions continued over China's major winter grain areas. Yield prospects for unirrigated fields declined rapidly, and irrigation supplies remain below normal. Spring crop prospects on the North China Plain have been hurt as well, but generous rainfall improved prospects in western portions of the Manchurian Valley. Conditions in the Yangtze Valley remain good, and favorable conditions for winter grains continued in South Korea.

—**South Asia.** Showers continued in winter grain areas of India and Pakistan. Premonsoon showers continued in Bangladesh, eastern India and southeastern India.

—**Southeast Asia.** Generous rains fell on northern and northeastern Thailand, while tropical showers continued in the south. The moisture improved conditions for corn.

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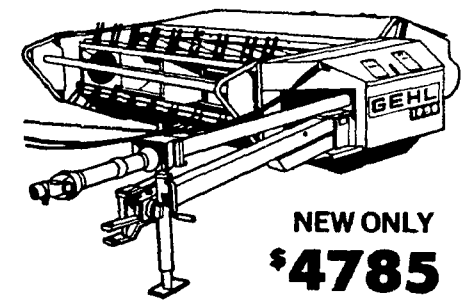

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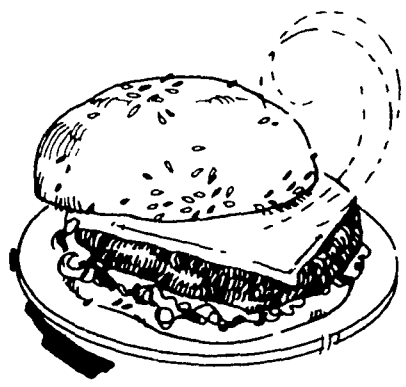

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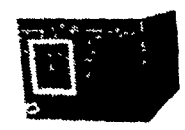
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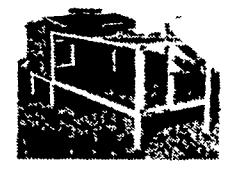
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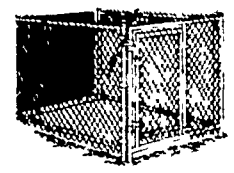
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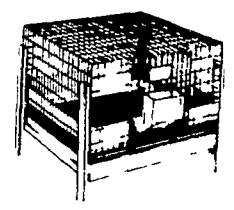
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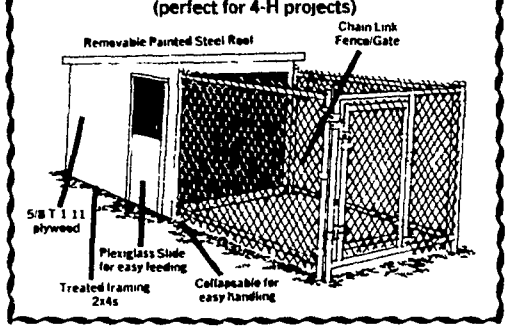
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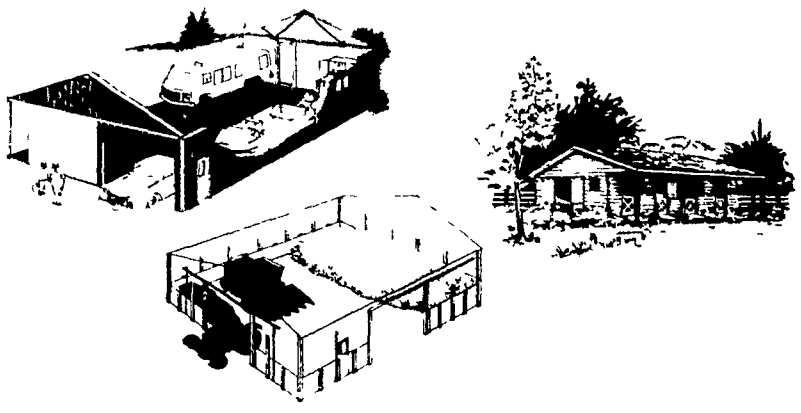

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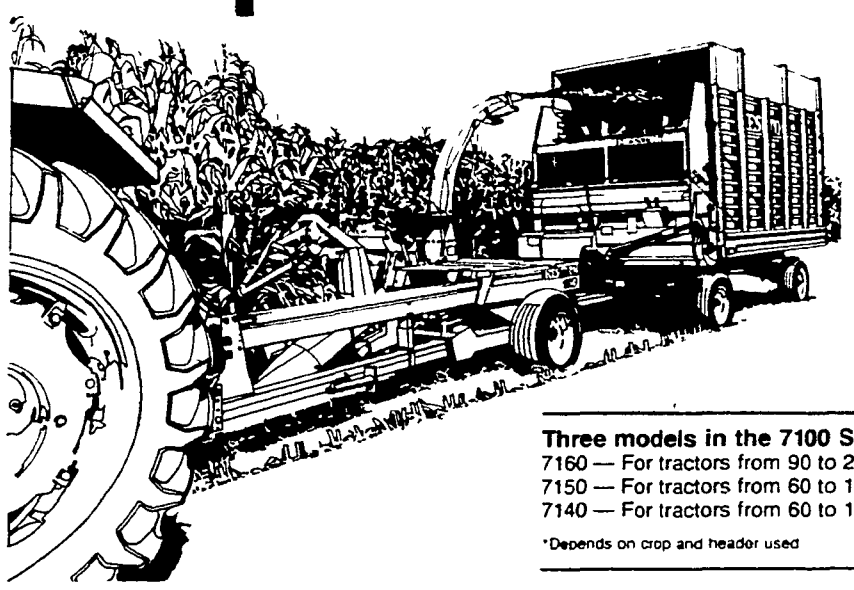

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Cornell Simmentals average $740

ANGELICA, N Y — A highlight of the Spring Breeding Cattle Sale of the Southwestern Division of the New York Beef Cattlemen's Association at Angelica was the dispersion of the Cornell University Simmental herd

The 26 lots in the Cornell herd, sold first, had a sale average of $740. Three cow/calf combinations sold for $1,075 each The buyers were Richard Weatherby of Interlaken, Carol Fox of King Ferry, and R L Patello of Belmont. Patello also bought a second cow/calf combination for $1,000

Budget cuts and other economic factors had forced the sale of the Cornell Simmental herd.

The remainder of the Spring Breeding Cattle Sale featured both purebred and commercial cattle.

The top-selling bull was a Simmental consigned by Ernest Wetzel of Hunt and purchased by George Brown of Machias. The three bulls in the sale averaged $866.

The top selling females were Meadow View Callie, a six-year-old registered Charolais cow consigned by Margaret Meckler's Meadow View Farm of Frankfort and purchased at $850 by Charles Bolton of Hannibal; and M B Miss Nichole, a five-year-old registered Charolais cow consigned by Mary and Bob's Farm of Hannibal and purchased at $830 by Earl Brahm of Canandaigua

The 60 lots (excluding the Cornell herd) averaged $552 The total sale grossed $54,000 for a sale average of $608 on 86 lots. There were 13 consignors and 29 buyers. Volume buyers were Jim Foss of East Aurora who purchased 16 head and Brahm who purchased 15 head

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U. of Md. dept. receives $8,000

The University of Maryland's Department of Agronomy received an $8,000 gift from the Maryland Turfgrass Council to open a turfgrass research laboratory on the University's College Park campus. The Council has donated $11,000 in the last two years to buy equipment for the proposed laboratory. Left to right are: Thomas Turner, agronomist; W. Lamar Harris, director of the Maryland Agricultural Experiment Station, which administer's agricultural research; Robert Larson, president of the Maryland Turfgrass Council; James Miller, chairperson, University Dept. of Agronomy; and Peter Dernoeden, agronomist and head of laboratory development.

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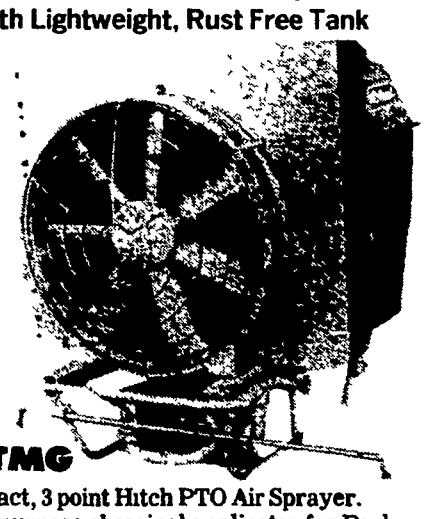

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Tested rams ready for sale

STATE COLLEGE — The final report cards are out on the forty-three rams that have been participating in Pennsylvania's Sixth Annual Performance Ram Test at State College here at the Meat Animal Evaluation Center. And yes, some of the rams "flunked," but thirty-three came through with superior grades and are eligible for the sale that culminates the program.

The Performance Tested Ram Sale will be held on June 5 at 2 p.m at the Allentown Fairgrounds.

Complete test data on each ram is available which includes average daily gain, weight per day of age, height, back-fat, loin-eye and breeding soundness. The sale will be held during Pennsylvania's Annual Sheep Field Day sponsored by the Pennsylvania Sheep and Wool Growers. During the morning there will be exhibits and discussions on sheep management

The ram with the highest average daily gain on test is a Suffolk owned by Mrs. Paul Kelly of Hartstown, Crawford County It gained 1 38 pounds for each day it was on test. It's weight per day of age of 81 pounds was also the greatest of any of the rams tested

Ted Kirby's Shropshire ram outperformed other rams of his breed in average daily gain at the Performance Ram Tests at State College. He will be sold at the Ram Sale on June 5 at the Allentown Fairgrounds. The Kibry's live near Macungie, Lehigh County.

While a Hampshire ram owned by Clyde Brubaker of Lancaster came out with the highest daily gain for his breed of 1.17 pounds, the Brubaker ram was tied by a ram owned by David Lytle of New London for a weight per day of age of 70 pounds

Similarly a Shropshire ram owned by Ted Kirby of Macungie, Lehigh County out gained the other "Shrops" with a 1.07 average daily gain but was bested in weight per day of age by a Warn G Menhennett ram with a score of 64 compared with Kirby's 53

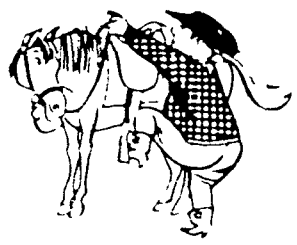
There were two divisions of Dorset rams. Brian Zerby of Knoxville, Tioga County, had the top senior Dorset with an average daily gain of 72 and a weight per day of age of 38 In the junior division a Penn State ram had both the highest gain (88) and the best lifetime average of 52 Carol Ober of Greensburg, Westmoreland County, had the best gaining Southdown with an average daily gain of 77 and a weight per day of age of .38

Catalogs and complete test data may be obtained by contacting Robert Kimble, Meat Animal Evaluation Center, 651 Fox Hollow Road, State College, Pa. 16801 The telephone number is 814/238-2527 Mail bids and arrangements for hauling can be made through his office

The Allentown Fairgrounds are located near the intersection of 17th and Chew Streets in Allentown The Lehigh, Northampton, Carbon and Monroe County Wool Growers Associations are handling the arrangements for the sale The Pennsylvania Dept of Agriculture and Penn State University cooperate with the Pennsylvania Wool Growers in sponsoring the performance tests

This Southdown ram owned by Carol Ober of Greensburg, Westmoreland County was the best performing Southdown ram at Pennsylvania's Sixth Yearling Ram Test at State College

SADDLE UP!



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JB Zimmerman & Sons
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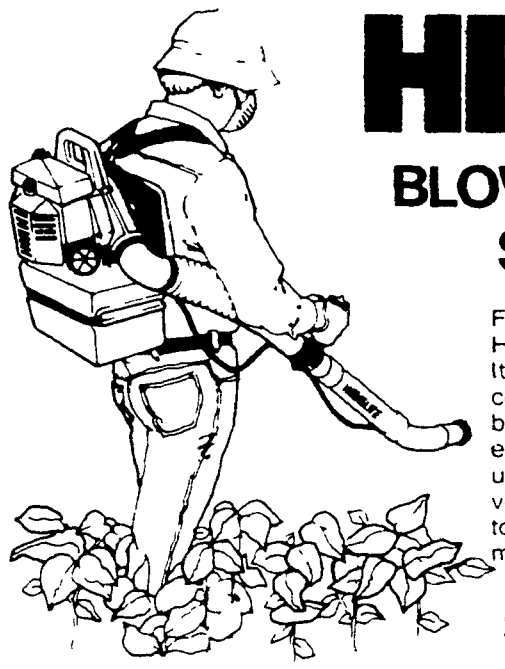
IN STOCK NOW
HOMELITE HB-680
BLOWER/MISTER SPRAYER



Feature for feature the Homelite HB-680 outclasses all the others Its light weight numerous convenience features and balanced backpack design provide excellent comfort and ease of use The HB-680 is extremely versatile as an efficient clean-up tool and as a lawn/garden maintenance tool

Reg $259 95
$229.95

Professional Performance for Hundreds of Dollars Less.
- Light weight —only 16½ lbs dry, under 34 lbs with full tank
- 1 6 cu in , air-cooled, gasoline-powered engine
- Solid state ignition
- Automatic recoil starter
- Single stage centrifugal fan
- Easily accessible controls
- Blower capacity —200 MPH wind velocity
- Mister/sprayer capacity —up to 25-30 feet horizontal, up to 15-20 feet vertical
- 2-gallon tank capacity
- Vibration isolated

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5 GAUGE GALVANIZED LOW CARBON TOP QUALITY STEEL
Complete sales, service and installation of: Gestation, Farrowing, Nursery Grower and Finishing Systems

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Consumer response system answers food safety questions

WASHINGTON, D.C — "How long can I keep ground beef in the refrigerator?"

"I found a foreign object in a can of chili What should I do?"

Consumers with questions like these about meat and poultry products will now find it easier to get answers through the U.S. Department of Agriculture's expanded consumer response system, Secretary of Agriculture John R. Block said today.

"The new system will eliminate unnecessary duplication and delay in responding to consumers," he said.

"Instead of having to call or write several different places with their concerns about food safety, consumers can now get answers by contacting one central source — either by writing Food Safety Consumer Inquiries, room 1163-S, USDA, Washington, D.C., 20250, or by calling (202) 472-4485," Block said. "Consumers should include a daytime phone number with their inquiry, and we'd prefer that they write rather than call."

Examples of inquiries to which the system can respond include complaints about the wholesomeness, quality or labeling of products containing meat or poultry; questions about the proper temperature for cooking and storing meat and poultry; or questions about safe storage times for these products. The new central system can also fill requests for consumer publications about food safety, Block said.

The USDA-wide consumer response system is based on one established by USDA's Food Safety and Inspection Service in October 1980, and operated only in the agency's Washington, D.C. and California offices. Block said this pilot project showed the system to be a valuable public service, which is part of USDA's response to a presidential order calling for the enhancement and coordination of federal consumer programs.

"The system will improve our ability to respond to consumer inquiries about food safety, reduce the number of referrals experienced by consumers when they contact USDA, and help insure that consumer concerns are reported to USDA officials so they can be reflected in policy decisions," Block said.

USDA administers the federal inspection laws which assure the wholesomeness and labeling accuracy of meat and poultry products

JOHN DEERE

NEED A CORN COMBINE?

AGWAY

NO FINANCE CHARGE TO SEPTEMBER 1, 1982*

JOHN DEERE 4400 DIESEL CORN SOYBEAN COMBINE
- Cab & Air
- Low Shaft Warning System
- 762 Hours
- Local One Owner
- VERY CLEAN MACHINE!
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1977 Ready To Go

JOHN DEERE 7700 DIESEL CORN SOYBEAN COMBINE
- Turbo - Hydro
- Cab & Heat
- Low Shaft Warning System
- 1698 Hours
- Local One Owner
- 23.1x26 Tires
- 11.00x16 Rear
- Serial # 264291

1977 Ready To Go

JOHN DEERE 6600 DIESEL CORN SOYBEAN COMBINE
- Turbo-Hydro
- Cab & Air
- Low Shaft Speed System
- 898 Hours
- Local One Owner
- 23.1x26 Tires
- 11.00x16 Rear
- Serial # 307791

1977 Ready To Go

4 WHEEL DRIVE JOHN DEERE 6600 DIESEL CORN SOYBEAN COMBINE
- Turbo-Hydro
- Cab & Air
- Low Shaft Speed System
- 1639 Hours
- Originally Sold By Us
- 24.5x32 Front
- 14.9x24 Rear
- Serial # 307898

1977 Ready To Go

JOHN DEERE 6600 DIESEL BELT CORN SOYBEAN COMBINE
- Cab & Heat
- Low Shaft Speed System
- 1631 Hours
- Local Machine
- 23 1x26 Front
- 11Lx16 Rear
- Serial # 106991

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CALL US PERTAINING TO OUR RENTAL PURCHASE PROGRAM!

All Local Units - Many Combines To Choose From...Be Early, Get First Pick!

CHOOSE FROM:

JD 6600G - Ser. # 5780
Cab, Air, Heat, Monitor, 1718 Hours - As Is

JD 6600D - Ser. # 5028
Cab, Air, Heat, Monitor, 2595 Hours

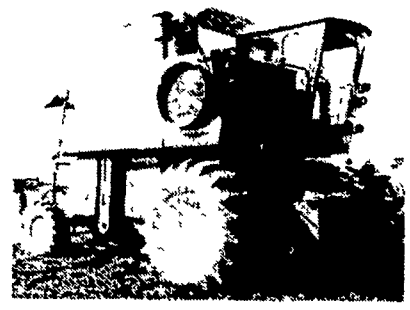
JD 6600D - Ser. # 10292
Cab, Heat, 28Lx26 Front, 1245 Hours

JD 6600G - Ser. # 3047
Cab, Heat, 1736 Hours

JD 4400G - Ser. # 4879
Cab, heat, 1353 Hours

JD 4400G - Ser. # 8613
Cab, Heat, Spike Cylinder, New Tach.

JD 4400G - Ser. # 8524
Cab, Heat, 1928 Hours



1981 JOHN DEERE 6620 DIESEL TURBO HYDRO CORN SOYBEAN SPECIAL
Cab, Air, Auto. Header
Rental Unit - 225 Hours
Balance of Warranty Applies!

CHOOSE FROM:

JD 95 With Platform and 4 Row Wide Cornhead

JD 105G - Mechanic's Special

IH 915 With Platform & Cornhead

IH 403 D Hydro with Platform and Adjustable 30 to 40" 4 Row Head

White 545 with Platform and 4 Row Wide Cornhead - Mechanic's Special - Priced to sell

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13 Ft. and 15 Ft.

USED CORN HEADS
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* With Approved John Deere Credit

Machines Available With 50 Hour 50-50 Warranty - Delivery Extra

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Corner of Ruppsville Road & Chapman Road, Wescosville, Pa. 215-398-2553
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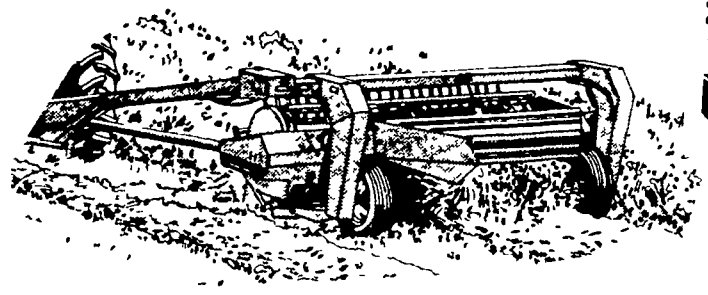
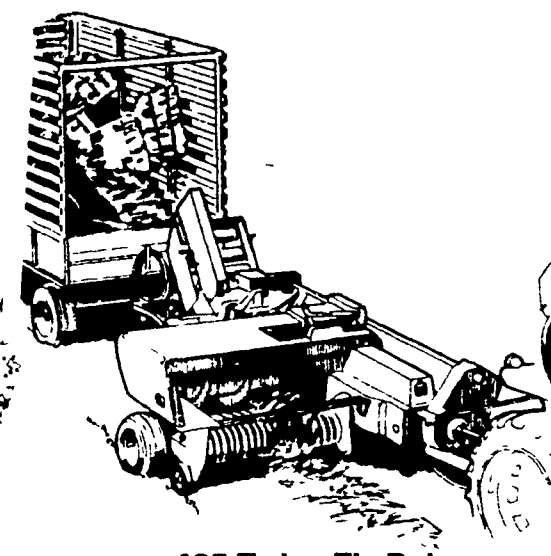
BUY NOW SAVE

Waiver of Finance!

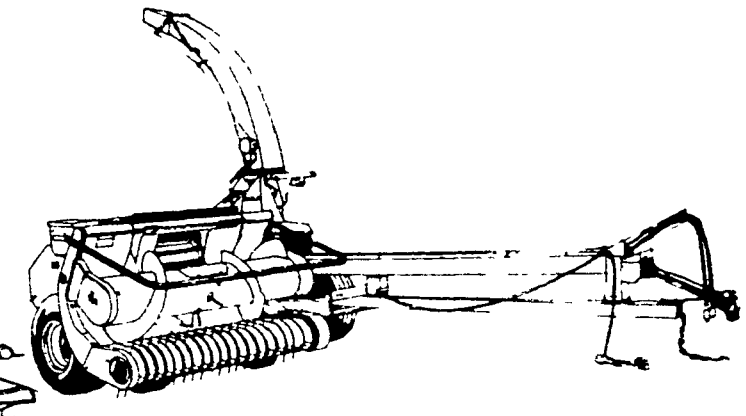
Cash Rebates!



1190 Mower Conditioner



435 Twine-Tie Baler



781/881 Forage Harvesters

HAY/FORAGE PRE-SEASON SALE GOOD TO MAY31

1 Waiver of Finance to October 1, 1982*

OR

2 Cash in Lieu of Retail Finance Waiver (new only)

Eligible Machines	Rebate to May 31
• Windrowers, Forage Harvesters	$800
• Balers, Mower Conditioners	$400
• Flail Choppers, Shredders, Forage Feeders	$275
• Mowers, Rakes, Blowers, Wagons, Bale Throwers	$125

★ See Dealers For Details - HURRY! SAVE TO MAY 31

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Kimberton, PA
215-933-3581

R.T. MARKLE FARM EQUIPMENT INC.
1841 Pine Hall Drive
State College, PA 16801
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Wheatfield Rd #8356
Sinking Spring, PA 19608
215-678-0828

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Myerstown RD 1 (Frystown)
717-933-4138

DOMBACH EQUIPMENT, INC.
McAlisterville, PA
717-463-2191

MESSICK FARM EQUIP.
Rheems Exit Rt 283
Elizabethtown, PA
717-367-1319

LYNN EQUIPMENT CO., INC.
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Three Bridges, NJ 08887
201-782-5827

ERB & HENRY EQUIP., INC.
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New Berlinville, PA
1 Mile North of Boyertown
215-367-2169

WM. HOBENSACK'S SONS
1060 Greeley Ave
Ivyland, PA
215-675-1610
215-343-2101

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Intercourse, PA
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Rising Sun, MD
301-658-5531

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Meshoppen, PA
717-833-5337

LAMB'S FARM MACHINERY
Thorndale, PA
215-269-2676

M & R EQUIPMENT, INC.
New Park, PA
717-993-2511

FARM-RITE INC.
Shiloh, NJ
609-451-1368

NORMAN BRIGHT
New Egypt, NJ
609-723-0300

MIFFLINBURG FARM SUPPLY
Route 45
Mifflinburg, Pa
717-966-3114

INCH EQUIPMENT CO.
Box 147
Dalmatia, PA
717 758 3021

GEORGE W. KINSMAN, INC.
516 Main St ,
Honesdale, PA 18431
717 253 3440

L.L. ECKROTH FARM EQUIP., INC.
RD 2, New Ringgold, PA
717-943-2367

C & W EQUIPMENT, INC.
260 York Rd
Carlisle, PA 17013
717-243-4419

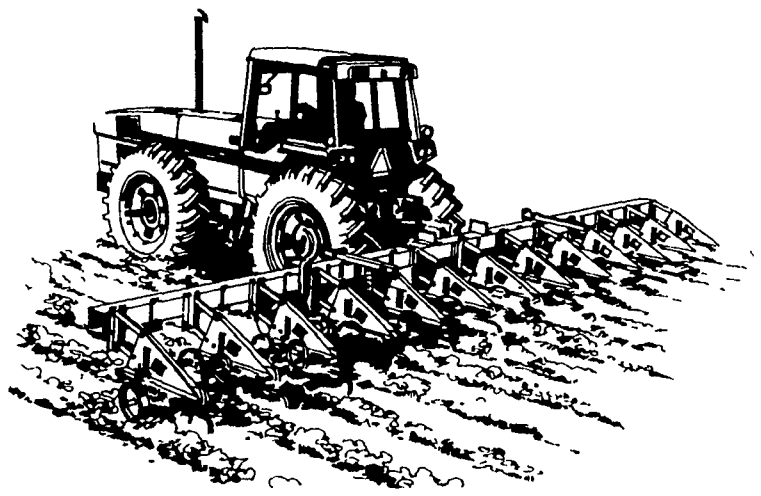
VOUGH & SONS, INC.
Bangor PA
215-588-5922

RINGTOWN FARM & EQUIPMENT
P O Box 602
Ringtown PA
717 889-3184

Md. honors "Good Eggs"

Speakers and award recipients lined up for their picture following the Maryland Egg Council's twenty-second annual "May is Egg Month" banquet, held recently at Martin's West in Woodlawn, Baltimore County. Shown are: left to right Cecelia Glembocki of McLean, Va.; Thomas T. ("Tommy") Irvin of Mount Airy, Ga.; Wayne A. Cawley, Jr., of Denton, Md. and Clyne S. Shaffner of West Laurel, Md. Glembocki is a Washington, D.C. - area media representative for the egg industry; Irvin and Cawley are heads of the departments of agriculture in their respective states, and Shaffner is professor emeritus of poultry science at the University of Maryland. Irvin was honored as "Friend of the Industry" by the Maryland Egg Council, and Shaffner was given a special recognition award. He had previously received the council's service award in 1972.

USED CULTIVATOR SALE



If You need A Cultivator This Season, Before You Buy, Check Our Prices On Used Cultivators! Front & Rear Models Available, Including The Following:

- IH 2-Row Front Mounted For "H" Tractor
- IH 4-Row, 3 Pt. or Fast Hitch
- Pittsburg 4-Row, 3 Point
- IH 4-Row Front Mounted
- MF 4-Row Front Mounted
- Lilliston 4-Row, 3 Point Rotary
- MF 4-Row, 3 Point w/Spring Trip Shovels

★ FINANCE PLANS AVAILABLE ★

Coming Thursday, May 27th COMBINE MEETING - 8 P.M.

SWOPE & BASHORE, INC.

INTERNATIONAL AGRICULTURAL EQUIPMENT

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Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown On Rt. 645 in Frystown

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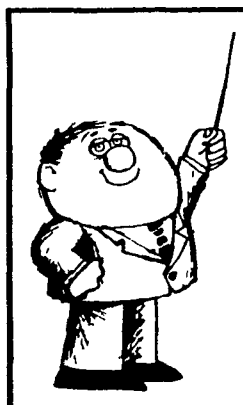
Area Codes 717-215 CALL TOLL FREE
1-800-692-7467



A LESSON WELL LEARNED...
LANCASTER FARMING'S CLASSIFIED ADS GET RESULTS!
Phone:
717-394-3047
or
717-626-1164

MAILBOX MARKET

For Sale Good used buggy, has rubber $1350 Union Co 717 966 2150

For Sale Eight registered Holstein heifers to freshen in June or July 301 861 8273 Braunside Farms, Finksburg, Md

For Sale Light horse harness, good for cart, good cond $35 Lanc Co 215 267 2706

For Sale Rear tires, like new 6 ply 16 9 30 on J D rims, $300 will consider offer Bedford Co 814 793 2423

For Sale 2 2 yr old geldings, 1 Percheron, 1 Belgian, broke the best, Centre Co 814 355 1922

For Sale 2 De Laval milkers w/late type pulsators & Zero claws Amos E Beiler R2 Box 165B, Milton, Pa 17847

For Sale Polled Hereford Bull, good stock, year old about 600 lbs York Co 717 292 6275

For Sale 10x50 concrete stave silo, 215 484 2517

For Sale NH 791 manure spreader, like new $5975 MF 1100 Diesel roll bar, multi power $6500 Lanc Co 215-267 7203

For Sale 3 Hereford feeder bulls, 2 Hereford feeder heifers, will trade snow plow for snow blower, 717 992 4446 Monroe Co

For Sale 2 12x40 AgStar pig nurseries, like new cond, 18 4 38 used tractor tires & rims, 717-866 4280

For Sale - 1974 Chevy C 30 Cab & Chassis, 6 cyl 4 spd $500 800 432 2361 7 a m 4 p m

For Sale - AC 4 row no-till planter, liquid fert insect and monitor, good cond, Leb Co $2500 or offer, 717 949 3529

For Sale JD 1 row RC corn head, $250, also 40 ft pipe w/gooseneck $100 717 436 8146 Juniata Co

For Sale - NH 717 Harvester, 9 knives, 1 row corn, pickup head w/super sweep, $1200 or offer Berks Co 215-926 3435

For Sale - M M UB special tractor on steel A 1 condition, $2250 John M Stoltzfus, R1, Box 209A, Bloomsburg, Pa 17815

For Sale Used tractor tires, 1 16 9x38 70% tread $150 2 15 5x38 30% tread $75 ea 814 349 8010 Centre Co

For Sale 471 GM Diesel Power unit, 125 hp, rebuilt, 717 733-3890

For Sale Ford baler 532 w/bale thrower $1250 Carbon Co 717-386 5678

For Sale N H 315 baler, $3000 NH 353 Food grinder, $3200 NH 477 Con mower, $2200 215 598 7546 Bucks Co

For Sale - Reg bay qtr horse mare, 7 yrs, 14 3h, goes Western and English, two horse trailer, Lanc Co 717 898 8420

For Sale NH 38 crop chopper, 6 ft cut, like new $3200 Buckwheat Seed, Lehigh Co 215 767 6048

For Sale Lg oak desk, $100 Janome New Home port sewing machine, exc cond, extras, 7 8 yrs old, $150 215 775 1191

For Sale 10 new New Holland, 7 ft mower/knives each, $15 York Co 717 235 2032

Notice Will train your horses Ride drive pulling, reasonable rates will haul, York Co 717 632 7472

For Sale Beacon preservative hay applicator CO2 with 2 air tanks, $60 S U Stoltzfus R2 Box 2290 Gap Pa 17527

Pasture for rent For Sale Beef cows with calves locust posts Daniel Stoltzfus Newburg #1 Pa 17240 Cumberland Co

For Sale Side delivery rake IHC, 4 bar metal wheels good cond 717 367 3371 Elizabethtown

MAILBOX MARKET

For Sale 2 Percheron geldings 1&2 yrs old, Rufus M Weaver, RD1 Box 296, Port Trevorton Pa 17864

For Sale 3 wheel Sch winn bicycle, battery & motor with charger will sell as one or separate Lanc Co 717-733 7126

For Sale 400 gal water tank, 100 egg cases, Aaron Glick, RD1 Millwood Rd Gap Pa one mile south of 340

For Sale 1979 CT 90 Honda street bike, like new 2,123 miles, $450 Sears single shot shotgun, 717 244 7913 York Co

For Sale Barn beams, oak & poplar, 275 gal oil tank $30 Wanted Saanan buck kid purebred, Conowingo Md 301 378 3215

For Sale 5 H P NH gas engine on 4 whl truck exc cond $900 firm 717 898 8140

For Sale 200 locust post 7 long $1 50, also pair mules 6 yrs old 46' tall Harness & wagon, 717 776 7930 Cumberland Co

For Sale Angus bull & Charolais-Simmental bull, 14 mos 500 bu ear corn Cecil Co 301 398 2751

For Sale 1962 Ford 292 V8, Ford dump truck, 3 cyl Large Colby spreader TO80 on truck $950 Perry Co 717 444 3344

For Sale 3 pt backhoe attach for farm tractor, 18" bucket, outriggers Runs & operates $850 Adams Co 717 624 4648

Wanted G E elec or NI elec riding tractor w/mower Lanc Co 215 267 3808

For Sale - 90' single chain starline paddle conveyor, 100' Starline belt plow feeder, Ch Co Best offer, 215 347 2346 or 215 347 1792

Wanted 5' or 6' pull type rotary mower Must be in good cond Lycoming Co 717-398 1459

For Sale - 1970 Int ds, transtar 400, 238 Detroit, 10 spd, 10 00x20 tires, twin screws, $2950 Chester Co 215 431 3183 late eves

For Sale - IH 37 baler w/kicker, $1250 combine parts IH 203, JD 45, NH 66 baler parts, Bucks Co 215-794 7058

Notice- Rent, chestnut cabin, sleeps 6, fish, tennis, swim (indoor pool), John Bohm, 6 Waverly Rd, Cherry Hill, NJ 08003

For Sale - 500 bu of perth barley, exc quality, best offer buys it 607 776 6756 after 9 eves Steuben Co, N Y

FREE 3 Kittens, call 717 665-5673 after 4 p m Lanc Co

For Sale - 30 High grade heifers will freshen June, July, August Levi A Esh, 85 Old Leacock Rd, Ronks, 17572

Wanted JD 4010 Dsl, any cond, whole or in parts after 7 30 p m 301 867 7380, Maryland

For Sale Large 3 bedroom, 1½ bath, home on 1 acre land near Mennonite Church, $2200 McKean County 814 642-2371

For Sale NI 705 power unit 767 super chopper, 3 row corn head, forage head, 711 combine, Leb Co 717 272 2477

For Sale 2 Gal Chemilizer Products Proportioner also com mander proportioner Omar K Beiler 257 S Groffdale Rd, Leola, Pa 17540

For Sale Tame ferrets smart lovable housepets Many colors, great mousers litterbox like cats eats Meow mix $60 $75 Franklin 717 349 7610

For Sale NH self propelled haybine w/cab $500 26 Lagoon Agitator New Betterbilt make offer Bucks Co 215 822 3147

MAILBOX MARKET

For Sale Playpen exc cond $12, Large 90' sofa bed $65 Lanc Co 717 656 7986

Wanted Standing timber & woodlots, all spec hardwoods, including live & defoliated oak Lyn Davis, Boyertown 215 689 9329

For Sale Peking ducks day old to maturity, available weekly Wanted Poultry equip Berks Co 215 369 0915 eves or early morn

For Sale NI 1 row corn picker $25, MH flying clipper combine $25 Cecil Co 301 658 4599 eves

Wanted Head gate, scale working chute parts fountains for beef cattle operation Leb Co 717 933 8274

For Sale 16 single chain hay and grain elevator 12 all steel flat bed 374 4246 after 4 p m Snyder Co

For Sale 12 volt hay preservative applicator $150 Enos K Stoltzfus RD3 Box 437, Quarryville Pa 17566 Drywells Rd

For Sale 40 milk cans, Stephen R Stoltzfus, RD1 Box 317, Kirkwood, Pa 17536, along Noble Rd Lanc Co

For Sale Pickup tool chest, like new, 717 733 7266

For Sale JD Killfer disc harrow, very good cond, $350, NI side delivery rake on rubber Frederick Co, MD 301 371 6304

Notice Will buy milk turned down by your dairy Leb Co 717 949 3791

Wanted Round hanging poultry feeders, plasion hanging poultry waterers, Aaron S Nolt, RD3, New Holland, Lanc Co 717 354-6727

For Sale 62 Rambler, in good shape, inspected, good tires 717 225-4905 after 7 30 p m York Co

For Sale 12 hole Martin hog feeder, like new, Christ F King, [illegible] Quarry Rd, Leola, [illegible] 17540

For Sale Jersey hol cross family cow, very tame, exc milker, second calf due in Aug $650 Bucks Co 215 822 1639

For Sale - Accredited herd has milkers, bucks & kids, all animals reg Swaps for bucks available 717 589 3697 Perry Co

For Sale Long 560 tractor, 55 hp excellent condition, 800 hrs $4900 Call after 8 p m 301 635-2481 Carroll Co

Wanted - 750x17" truck tires, hyd lift tail gate, or mechanics body with same, 8' 301 398 9178 Elkton, Md

For Sale Morgan horses, 1 mare w/papers, 6 yrs old, 1 Gelding, no papers, 5 yrs old Lycoming Co 717 547-1701

For Sale - 8000 gal railroad car water [illegible] good cond, $700 nego Daniel K Fisher, RD1 Box 460, Quarryville, Pa 17566

For Sale 4'x6½' beautiful all alum dbl doghouse Priced very reasonable Somerset Co 814 629-6740 eves

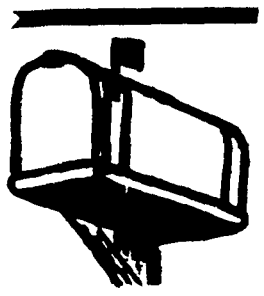
For Sale Angus bull purebred, 11 mo old Very gentle Burr W Robbins, Knoxville, Pa 16928, 814 326-4515 or 814 326-4561

For Sale JD 300 B front end loader, backhoe, dsl, good rubber, cab, exc cond Lackawanna Co 717 945-5661

For Sale Bull Charolais/Hereford, 9 mos old Lanc Co 717 786 2131 or after 6 p m 717 786 7554

For Sale Slick 50! When used in your engine will reduce friction reduce operating temp, reduce wear 50 75 percent [illegible] 682 6429

For Sale Collie pups AKC Reg shots, wormed checked by vet Exc markings $95 717 569 6976



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules.

Limit your advertisement to 20 words. area code must be added to phone number and due to repeated requests please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper. no business advertisements accepted.

Include your Lancaster Farming mailing label and mail to:

Mail Box Market
Lancaster Farming
P O Box 366
Lititz PA 17543

No Phone Calls Please

MAILBOX MARKET

For Sale Reg Jersey Bull, 14 mo $350 2 Reg Jersey cows, $850 each Jersey cow After 6 p m 302 492 8739

Wanted - Old tractor w/2 row cultivators Condition not important if low priced, 301-475 2358

Wanted Drill for Ford 8N or 9N Tractor For Sale NI 752 crimper orange top $595 NH 456 mower 717 354 0266

For Sale - 300 acre Virginia farm 200 tillable, 60 timber, Francis E MacCauley, Rt 1 Box 232, Bumpass, Va 23024

For Sale 1981 IH combine 1440 w/15' 820 head & 4 row cornhead, 200 hrs 609 358-2510 after 7 p m

For Sale 1966 R 190 International Tandem axle 20' dump grain body, very good condition hauls 600 bu Franklin Co 717 328 2093

For Sale Tobacco plants Pennbel, Pennlan and Maryland 609 will pull, Leroy S Esch, New Providence #1 Pa 17560

For Sale 7 Suffolk sheep, 717 665 7917 or 665 2288 Lanc Co

For Sale Terrain cycle (mud bugs) 8 hp B/S engine, electric start, exc cond, $350 neg Dauphin Co 717 692 3827

Wanted Kerosene fired incubator Sent size price, & cond to Daniel S Mast, R#2 Box 330 Dover Del 19901

For Sale Two service age black Angus bulls 3 pt JD 2x12' bottom plow Papec chopper corn head 215 257 6047 Bucks Co

For Sale 12 ft stake body bed fair to poor cond 717 733 1650 Lanc Co

For Sale 1982 ATC 200 Honda 3 wheeler, almost new, Lanc Co 717 665 3865

For Sale NH 717 harvester with corn head and 6' grass head, good cond, 717-532-7905

For Sale 10 farrowing crates, 26 gestation stalls Cyclone or Agstar models, 2 yrs old, 315 568 8560

Wanted - Used 700 ft chain link fence, Berks Co 215 683 7214

For Sale 30 ft Big Jim auger, like new, half price 717 359 5863

Wanted - JD 40 for parts, rear left axle housing, will buy complete tractor 717 485-5372 Fulton Co

MAILBOX MARKET

For Sale Gehl FH83 Harvester direct cut grass & one row corn heads good cond Pipeline milker Berks Co 215 856 7621

For Sale Producing Registered Alpine goats Lanc Co 717 285 4064

For Sale Reg Appoloosa Stud Tahachies Sprite, 717 529 6227 Lanc Co evenings

For Sale Massey Harris hay rake, good cond ready for the field, $150 215 987 6098 Berks Co

For Sale Service age Reg Holstein bull Sire Bend mead Magic of Lin Con Dam over 20 000 Cumb Co 717 776 7146

Wanted Good home for 5 yr old spayed female Boxer Loves children, has shots, house trained Lanc Co 717 653 2475

For Sale 1980 Jeep pickup cap, 4 WD 9,200 miles AM FM stereo radio, 4 snow tires, $5800 717-469 7448 Dauphin Co

For Sale Appaloosa stud, 11 months old, 4 ton Grove wagon chassis Parts & drive belt, Columbia Co 717 784 5261

For Sale IH Cub cadet lawn tractor with 38" mower deck Good cond, 717 393-7452 eves Lanc Co

Wanted Christian school youth to work on a dairy farm 717 665-6460

For Sale - Covered wagon ready to go in the wagon train in June 82 complete with boughs & canvas, 717-642 8722

For Sale 3500 watt Sears alternator for home or camper, $500 Berks Co 215 777 1594

For Sale - 9 year old standard bred horse, traffice safe Not a woman's horse Call after 6 00 P M 717 354 8029 Lanc Co

For Sale NH 469 haybine, good cond, grain pan for Massey super 90 combine & other parts, 717 538 5180 Northumberland Co

For Sale JD 50 tractor Chester Co 215 932 2777

For Sale 2 small & 1 large liquid protein lick tanks, good cond, 717 367 3814 Dauphin Co

For Sale - 1965 Mercedes Bentz Diesel 4 shift 4 cylinder Perfect Lady driven 50 miles to gal Lanc Co 717 626 5152

For Sale - JD 1207 7 ft mower conditioner, 717 776 3686 Newville Pa, Cumb Co

Wanted Small stock trailer, Chester Co, 215 932 3352

For Sale - David Bradley hammermill $75 717 252 2455

For Sale Country horse back riding also quarter horse and ponies 717 653 4286

For Sale For Sale 609 Tobacco plants David R Zook R1 Box 380 New Holland Pa 17557 Vogansville Rd

Wanted Small herd of brood sows buying boar and feeding and farrowing equipment, 717-225-3218 York Co

For Sale Skid loader Owatonna Mustang series 1700, rebuilt water cooled engine, excellent cond, $6000/best offer Lanc Co 717 284 4846

For Sale Liquid Kemiflo hay applicator, like new, Emanuel B Stoltzfus, N Birdell Rd, Honey Brook, Pa 19344

For Sale - Lincoln 300 amp AC DC Welder 220 volt, w/tig unit for welding alum and S S Lanc Co 717 738 1121

For Sale JD 14T baler, good cond, $600 NI 9' haybine $900, NI high wheeled hay conditioner, 215 536 5182 Berks Co

For Rent 25 acres, York Co near Delta, I'll pay you $500 to use it 301 557 9420

MAILBOX MARKET

For Sale Four cylinder Continental Power unit w/clutch and reduction gear Lanc Co 215 484 2215

For Sale Tobacco dust Ivan Z Fisher 98 Loop Rd Quarryville or Paul Fisher S Queen Road Intercourse PA

For Sale New Holland 404 hay crusher new bearings York Co 717 755 5622

For Sale AC 444 baler w/Super sweep pickup good cond Wanted Fox 2 row narrow corn head Lanc Co 717 548 2877

For Sale Two row transplanter modified 30 row 30 on row 7000 pop plastic tank extra good cond $500 717 626 4669

For Sale Two ewe spring lambs, Suffolk and Chevy mixed 2 row Stauffer transplanter $150 Hog feeder Lanc Co 717 354 7739

For Sale Farquhar, 3 piston high pressure sprayer pump, pto $200 300 4"x12"x12" glass masonary blocks $2 50/each Cumberland Co 717 776 7465

For Sale Silver King tractor & plow $2100 Ford 2 row corn planter $300 Disc drill 717 469 7367 eves Dauphin Co

For Sale AC K combine, 2 heads, good cond Kasco dumping station w/80 hose and dryer Leb Co 717 867 5283

For Sale 2 Boar Hogs Chester White and Yorkshire cross, $275 per head Samuel Kauffman Box 284 R1 Christiana Pa 17509

For Sale Jersey family cow $500 215 445 4786 Lanc Co

For Sale 1,000 bu nice barley 1800 bu plump oats your choice $2 25 a bu at farm Sch Co 717 345 8878

For Sale Ford 3 pt hook up sickle bar 215 678 9326 Berks Co

Wanted Orchard mower or offset rotary mower For Sale 4 pen calf kennel, $750 215 445 5526 Lanc Co

For Sale 4 & 8 hole Hog Feeders cast iron bottoms, $1200 9 cast iron waters $250 717 458 5105 Columbia Co

For Sale 50 bred heifers 6 Reg & some I D Grades, 717 899 6893 Mifflin Co, Pa

For Sale 2 springing cows, one Holstein and one Brown Swiss Also 3 springing 1st calf Holstein heifers 717 264 9388 Franklin Co

For Sale Case 1270D 135 hp power shift weights 300 hrs $17,500 NH 975 combine, $7500 Lanc Co 717 872 8659

For Sale Sweet Haven Traditional bull calf dam is best cow in herd w/1 000 lb Index Lanc Co 717 687 8893

For Sale 560 Mt Diesel forklift, 6000 lb cap $3000 or trade for front end loader 1 1½ yd 717 754-4661

For Sale Dapple grey gelding 9 yrs nice disposition, easy to ride $600 1941 Chevy Sedan $250 Leb Co 717 865 4473

For Sale Oliver 12' harrow $125 cult for H or M $40 Mc 4 row corn planter $200 215 326 6327 Montg

For Sale 1 ton alfalfa hay, 1 pickup load and sand stone Lanc 717 626 6517

Wanted to buy 2 or 3 btm diesel plow and 5 8 hp roto-riller, both useable, Lanc Co 215 267 2711

For Sale McCormick combine, ground driven x cond, late model Jacob Lengacher, R1 Box 77, Port Trevorton Pa 17864

For Sale Pulley for Super C, Wanted urgently Farmall C toy tractor, Dave 717 768 3554 Lanc Co

MAILBOX MARKET

Wanted 1 steel wheel 28 6 hole 1 25 4 hole Joseph L Lapp 92 Ma Ivain Rd Paradise Pa 17562

For Sale Grade holstein cow first $450 Also approx 100 bales timothy no rain $2 00 a bale Lanc Co 717 529 2516

For Sale 225A hay in level easy accessable fields Storage barns available Potter Co 215 445 6453

For Sale Used bricks 1000 for 10 cents a piece will help load Chester Co 215 593 6958

For Sale 2 yr old Nubian buck proven excellent 3/4 Amer Toggenburg doe kid 717 673 5644 Bradford Co

For Sale 7x9 Superior hoe grain drill fert comp out $80 Valentine Petersheim, R2 Box 315 Mifflintown Pa 17059

For Sale Dirt or street motorcycle 100cc 700 mi $300 and 2 billy goat kids $30 each Lanc Co 717 872 2596

For Sale JD 244 cornhead $2400 NH 880 R2 wide chopper head $1000 very good cond. York Co 717 225-4944

For Sale JD FBB Single Disc grain drill 16x8 mechanical lift $650 Disc harrow $300 Bucks 215 257 9286 after 7 p m

For Sale Antique JD B Serial #31501 nice and 8 camper top, good shape $50 Schuylkill Co 717 345 8980

For Sale NH elevator Oliver superior grain drill Case tractor w/3 pt hitch 12 flatbed farm truck Schuylkill Co 717 345 4882

For Sale 79 Yamaha XS1100 Special 4700/mi, excel, $2795 Lester R Warner Sr, R1 Elliotsburg Pa, 17024

For Sale Reg Yorkshire boar, service age Par Kay stock International 800 series cyclo air planter 4 row, 717 532 4520, Franklin Co

For Sale Ewes and lambs Wanted Cement mixer Berks Co 215 582 3066

For Sale German Shepherd male puppy 8 weeks old black & silver Lanc Co 717 626 5469

For Sale Goslings ducklings registered LaMancha goats 2 year old milker yearling does (possibly bred) and kids Lanc Co 717 733 8090

For Sale Old 2 horse 3 seated open wagon good cond 717 354 5039 Lanc Co

For Sale 2 Shetland Sorrel mare ponies 39 high Rides & drives & saddles 717 764 8189 after 5 York Co

For Sale Leroi power unit model D176P7 4 cylinder w/clutch and starter Aaron M Reiff 1935 Rothsville Rd Lititz Pa

For Sale 3 yr old reg paint gelding 15 1H grey & white Tobiano very quiet 4 H prospect York Co 717 244 7314

For Sale Semen Paclamar Bootmaker, C Romandale Shalimar Magnet Paclamar Astronaut 717 382-4592

For Sale JD 4010 diesel good cond $4500 or best offer 215 267 2128

For Sale Six set of weed controls $10/set Daniel Martin R2 Stevens, Pa 17578

For Sale Hay baler no 45, good working cond, PTO drive, $125 Berks Co 215 582 4226

For Sale 1410 David Brown tractor 2 row 3 pt hitch cultivator, shell for pickup, Berks Co 215 926 3376 or 215 926 3379

Wanted Truck mount dry lime spreader, 10 foot or longer Montour Co 717 437 2778

For Sale Model 270 New Holland baler w/thrower good cond Berks Co 215 488 6743

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Wanted 12 1 hp 110 volt air compressor for farm use Lanc Co 717 464 4694

Wanted 500 irrigation pipe and 12 sprinkler nozzels prefer alum pipe Lanc Co 215 445 4661

For Sale 9' grass seeder for grain drill McCormick $15 Surge SP11 vacuum pump $15 Snyder Co 717 374 8625

For Sale Bush hog model 700 bale conveyor loader 26 &36 bale conveyor single chain 301 692 6108 Harford Co

For Sale Exc Angus cattle reg & commercial cows and heifers JD 8 $675 3 pt blade Chester Co 215 857 3949

For Sale 400 gal Sunset bulk tank complete good cond 201 859 1945 after 6 p m

For Sale Six ram lambs mixed breed, very hardy & healthy Most are twins born 2/82 Hunterdon Co N J 201 995 4743

For Sale Mulch hay, call between 6 & 8 814 675 3764, D J McConnell RD Box 388, Ashville, Pa 16613 Cambria Co

For Sale JD disc and spring harrow, both for $40 Lanc Co 717 354 9127

For Sale 2 horse trailer 1975 Gore good cond current Pa inspection many extras $1,800 215 932 3468 Chester Co

For Sale Hybrid tomato veg and flower plants, at wholesale prices Warren Co Great Meadows N J 201 637 4927 or 852 3735

For Sale QH Colt 81 red dun by Flashy Flame Jr York or Balt Co 301 343 0770 7 A M 3 30 P M

For Sale Leyland 270 tractor 82 HP w/250 actual hours like new 814 364 9333 or 814 238 4957 Make offer must sell

For Rent Pasture drill puts fert in the ground seed on top $5/acre Lanc Co 215 445 6959

Wanted 30 concrete feed bunk H type Also used Patz cleaner unit good cond 717 949 3439

For Sale Toy Fox Terrier pups UKC reg Clarence Auker RD3 Ephrata Pa 17522

For Sale Small sheep flock, small investment Reg Cheviot ram w/8 healthy ewes Shorn wormed & ready Franklin Co 717 762 8525

Notice Truck IHC flatbed 27 6 near new 9x20 s, 5 speed single axle $1000 Sell or swap 215 696 1703 West Chester

Notice Free to good home 2 friendly female Border Collies cross dogs 16 mos must find home Berks Co 215 689 5387

For Sale 2½ ton good straw $45/ton Mountville area 717 285 4636 Lanc Co

For Sale 2 guinea pigs two 50 lb Surge milker and one 40 lb and carrying pail Good cond 717 733 7424

For Sale Wade irrigation system 1600 alum pipe, David L King, Box 441 Herr Rd Ronks, Pa 17572 Lanc Co

For Sale - Reg purebred Nubian buck, born Dec 19th Ready for service this fall Berks Co 215 856 7206 after 5 p m

For Sale JD 14T baler, less motor good cond for parts, $150 3/4 & 1/2 h p Copamatic refrigeration units 302 994 5266

For Sale JD #25 combine pull type hyd platform, PTO w/bin, scour clean, exc cond North'd Co 717 742 9860

For Sale Stock trailer or 6 horse cargo space 6' wide, 3 axle good Dauphin Co 717 545 9971 after 5 p m

MAILBOX MARKET

For Sale 9N Ford tractor for parts make offer Chester Co 215 932 3352

For Sale 1 Suffolk ram registered Lanc Co 717 354 6429

For Sale Welder Hobart 300 amp driven by 6 cyl Chrysler Industrial Eng $750 717 652 1957 or 896 8442 Harrisburg Pa

For Sale Power unit w/G M engine w 25 K V A & 25 K W & 3 face generator $2500 Lanc Co 215 445 4336

For Sale 3 Face air conditioner 5000 watts $40 Berks Co 215 689 9853

For Sale Int 990 haybine cut less than 400 acres 717 933 4360 after 8 p m

For Sale 1 set new steering/brake bands for Oliver OC 6G crawler $150 Cumberland Co 717 776 5383

For Sale Guernsey family cow was due in January and still milking good $475 Tongue and groove barn siding 215 944 9307

For Sale 15 KW Generator like new $1200 717 442 4677

For Sale Side delivery rake on rubber $100 8 ton ear corn $80 t Single bed $50 717 799 5337 Columbia Co

Wanted Flatbed hay wagon w/or without hay rack in good cond Abram F Stoltzfus 2936B Stumptown Rd Ronks Pa 17572

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For Sale Feeder cattle approx 46 steers 51 heifers Hereford Angus Charolais cross 400 600 lbs $300 each Indiana Co 814 749 0879

For Sale Int H Tractor with hyd lift & snowplow chains Luzerne Co 717 379 3046

For Sale 67 Ford T 800 tandem steel flatbed 20 $4 500 JD #350 mower $1 450 Frederick Co 301 663 0482 after 7 p m

For Sale Reg Angus some with calves 717 252 4416 York Co

For Sale Vac Form machine to make magnetic signs Complete large quantity letters & supplies Like new Lanc Co 717 548 2559

For Sale Novo tank cooled antique engine Wico mag not hit or miss needs restoration $100 Bucks Co 215 257 5216

For Sale 3 600x16 tires (no tread) and 3 16 6 lug Chevy wheels $20 for all 215 756 6285 Berks Le high Co

For Sale Very good medium size western saddle box stirrups York Co 717 993 2737 before 8 a m or after 6 p m

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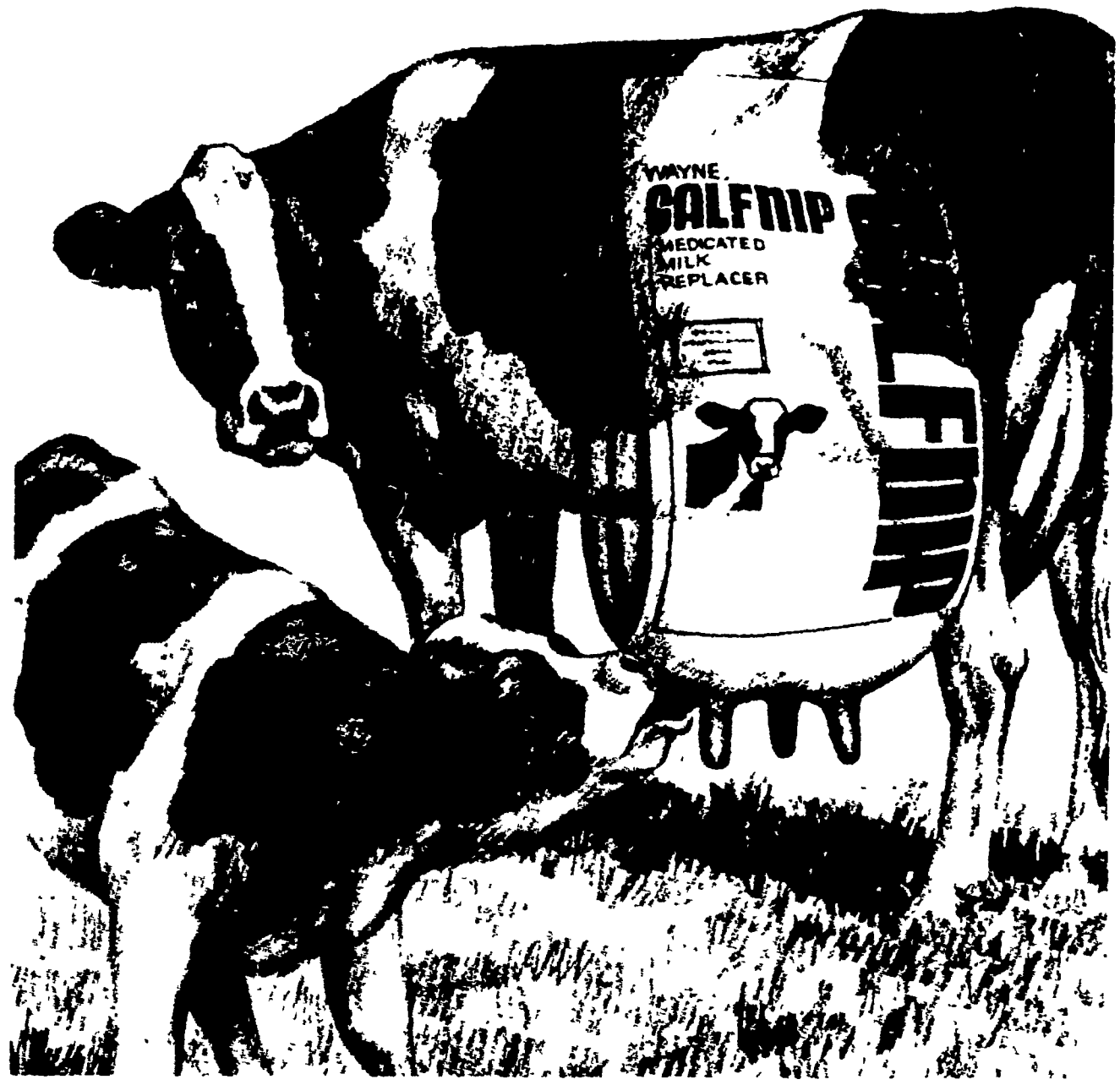

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'Risk takers' go with erosion controls

COLUMBIA, Mo — The farmer who uses more erosion control practices is usually more educated and more willing to take a risk than one who uses fewer practices

That's a sweeping statement and not always true—but those were the two most significant personal factors identified recently by a Missouri husband-wife research team trying to figure out what makes some farmers put time and money into saving their land

And what Christine and David Ervin concluded was that government erosion control programs need to be more active and discriminating

"They need to identify those people who require help, and the most useful type of assistance," said David Ervin, University of Missouri-Columbia agricultural economist

He and his wife, Christine, senior policy analyst for Missouri Office of Administration, suggested that government programs should have a wider focus than they have had, because farmers have different reasons for not carrying out erosion control practices. Some farmers may require cost sharing while others may only need information on their erosion problems and potential solutions.

"The whole process of deciding to do something about erosion control starts with perception of the problem," David Ervin said

"That depends on mostly on the farm's erosion potential and the farmer's understanding of that potential."

The Ervins studied 95 Missouri farmers in Monroe County to find out why some used more erosion control practices than others. They expected that various personal, physical, economic, and institutional factors might influence a farmer's conservation decisions.

"The significant variables explaining increasing numbers of practices were perception of the problem, education, and risk aversion—the reluctance to be more adventuresome," Christine Ervin said

"It seems that those who had the least aversion (risk takers) were willing to try more conservation practices"

Since the younger farmers had higher education levels on the average, they appear more inclined to use a wider range of practices, she said But they may require cost-sharing to apply those practices over most of the farmland requiring erosion control

The Ervins speculated that the younger farmer may also be more willing to get involved in long-term conservation planning, because he or she has more time to see it pay off

Another intriguing finding was that cash grain farmers use fewer erosion control practices than other kinds of farmers.

"Maybe that's because they are trying to maximize short-term profits, so they aren't interested in spending money on conservation practices that have long-term returns," David Ervin said

"Or maybe it's because that there aren't as many conservation practices they can use, such as rotating fields with hay or pasture This implies that cash grain operations will probably have greater erosion problems than other types of farms," added Christine Ervin

Surprisingly, several factors expected to show significant effects didn't A farmer's concern about debt was not associated with numbers of practices used.

And, a farmer's participation in Soil Conservation Services programs the Ervins measured did not make a significant difference in erosion control

Receipt of cost sharing from the Agricultural Stabilization and Conservation Service did reduce erosion significantly However, the farmers receiving that assistance were not necessarily those whose lands had the greater erosion potential.

The study's findings suggest some implications for designing governmental conservation programs.

"Primarily, the government agency should recognize that different farmers probably need different kinds of assistance" David Ervin said

"For example, financial assistance will allow many farmers to adopt practices they couldn't otherwise afford In other cases, though, no amount of cost-share assistance will encourage a farmer to use a practice he doesn't think he needs in the first place"

By orienting specific programs to specific farmers, they may be able to achieve greater erosion control with the same amount of government funds," Ervin said

Corn Growers travel to Eastern Europe

WASHINGTON, D C. — "Any hope for a sustaining beginning of a long-term price recovery for U S corn and grain prices will depend on two interrelated factors putting into place a grain export sales policy for Eastern Europe and the Soviet Union; and, a meaningful 1983 grain acreage diversion program. Because of price pressures on grain and uncertainty over the political resolve of the Reagan Administration to push ahead with US-USSR grain trade, officials of the National Corn Growers Association began to explore these matters last Sunday and will continue until next Sunday, discussing them with officials in various ministries in both Moscow and Warsaw," reports Michael Hall, NCGA Washington representative.

"In response to official inquiries from Soviet and Polish trade officials in Washington, D.C., to Senator Bob Dole (R-Kansas)," Hall explains, "Senator Dole authorized John Gordley, his legislative assistant for agricultural matters, to join the National Corn Growers sponsored travel to the Soviet Union and Poland."

The purpose of the trip is to tour and become better acquainted with various aspects of Soviet and Polish agriculture:

— Grain production and farming facilities;

— Handling and processing systems;

— Animal and poultry production operations; and,

— Grain import facilities and port elevators.

Hall also commented that "the pressing problems of several grain trade policy questions will undoubtedly be fully explored in Moscow. The two more important and immediate questions:

— The outlook for a continued US-USSR grain trading structure to minimize potential political problems and to maximize U S. corn and wheat exports;

— Mutual interest in resuming the joint US-USSR agreement on agricultural cooperation — an agreement that proved useful in the past for technical exchanges on foreign market development and grain inspection."

The agencies in the host foreign governments sponsoring this National Corn Growers Association activity are the USA and Canadian Institute of the Soviet Academy of Science in Moscow and ROLIMPEX Import-Export of the Ministry of Foreign Trade in Warsaw

The National Corn Growers Association is made up of corn producers from 16 affiliated states, with the purpose of promoting the general welfare of U.S. corn farmers by maintaining and developing domestic corn production and price and income support programs consistent with a market-oriented grain economy.

Delaware student gets fellowship

NEWARK, Del. — Philip M. Jardine, a graduate student working toward a master's degree in soil science at the University of Delaware, has received a $2,000 competitive fellowship from the Potash and Phosphate Institute. He was one of six students in North America to win such a fellowship this year in a contest open to graduate students in the U.S. and Canada who are studying soil chemistry and related fields.

Philip M. Jardine

According to William K. Griffith, eastern director of the institute, competition was particularly keen this year. Many of the applicants were Ph.D. candidates. Winners were selected on the basis of grades, research projects and letters of recommendations.

Jardine received his B.S. degree last year from Delaware, earning a degree with distinction for his research on the thermodynamics of potassium exchange in soil He presented a paper on his work at the national meeting of the Soil Science Society of America in Detroit last winter

A native of Delaware, Jardine is a graduate of Concord High School in Wilmington

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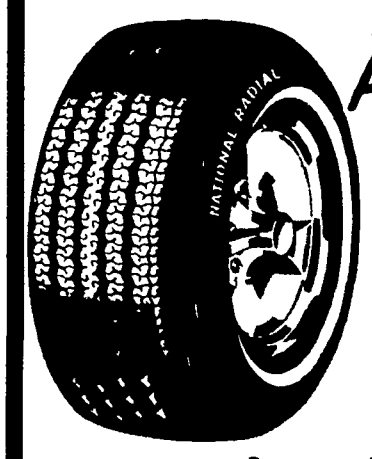

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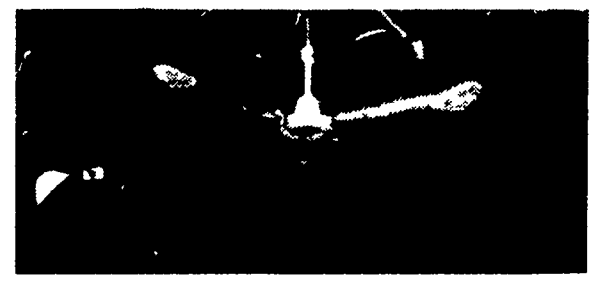

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MILK MARKET NEWS

Federal Order No. 2
New York-New Jersey
Producers receive $12.82 for April

Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during April will be paid on the basis of a uniform price of $12 82 per hundredweight (27 6 cents per quart)

Market Administrator Thomas A. Wilson stated that the uniform farm price per hundredweight was $13 02 in March 1982 and $13 00 in April 1981. The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products

The seasonal incentive fund removed $.30 per hundredweight from the dairy farmers' uniform price for April, a total of $2,902,234 01 Deductions will continue through June and will be returned in the August through November uniform price calculations.

A total of 17,468 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 967,411,337 pounds of milk during April 1982 This was a decrease of 0.7 percent (about 7 million pounds) from last year, attributable primarily to a shift of approximately 150 producers to another Federal order. The gross value to dairy farmers for milk deliveries was $126,433,810.49 This included differentials required to be paid to them but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers (handlers) utilized 381,522,863 pounds of milk for Class I, 39.4 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test and skim milks. For April 1982, handlers paid $14 71 per hundredweight (31.6 cents per quart) for Class 1 milk compared with $14 91 a year ago

The balance, 60.6 percent, was used to manufacture Class II products including butter, cheese, ice cream and yogurt. For this milk, handlers paid $12 36 per hundredweight

The uniform price is based on milk containing 3 5 percent butterfat For April 1982, a differential of 16 9 cents was applied to the price for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received within the 201-210 mile zone from New York City

Federal Order No. 4
Middle Atlantic Area
Base price, production falls

Middle Atlantic Order Market Administrator Joseph D Shine recently announced an April 1982 base milk price of $13 74 per hundredweight and an excess milk price of $12.24. The weighted average April price was $13.72 and the butterfat differential for the month was 16.9 cents The base milk price was down six cents from March and 28 cents below last April's base price

The advertising withholding rate, which is deducted from the base and excess milk prices but not the weighted average price, was 14 cents a hundredweight in April 1982 compared with 13 cents last year A total of $716 5 thousand was withheld for advertising in April The gross value of producer milk during April was $70 0 million, compared with $72 4 million a year earlier

Shine said producer milk receipts totaled 511 8 million pounds during April, a decline of nine million pounds or 1 7 percent from last year This marks the first time since December 1979 that production has been below a year earlier

The number of producers declined from 7,470 in April 1981 to 7,174 in April 1982 The average daily delivery per producer was 2,378 pounds during the past month, an increase of 54 pounds or 2 3 percent from last April

Class 1 producer milk totaled 234 6 million pounds and was down more than eight million pounds from a year ago The Class 1 utilization declined from 46.62 percent last April to 45 84 percent this year Base milk accounted for 89 20 percent of total producer milk receipts compared with 86.79 percent last April The average butterfat test of producer milk of 3 66 percent was down from 3 70 percent a year earlier.

Middle Atlantic Order pool handlers reported Class 1 in-area milk sales of 199.3 million pounds during April, a decline of 4 0 percent from a year ago, after adjustment to eliminate variation due to calendar composition

June Class I brings $15.23

Shine also announced a Class 1 milk price of $15 23 per hundredweight for June 1982 This price is unchanged from May but is 19 cents below the June 1981 Class I price

Order No 4 prices are announced for milk testing 3 5 percent butterfat f o b plants located within 55 miles of Philadelphia and also within 75 miles from the nearer of Washington, DC or Baltimore, Md There is also a 6-cent direct-delivery differential applicable to producer milk received at plants located within 55 miles of Philadelphia.

Shine announced a Class II milk price of $12.38 per hundredweight for April 1982 and a butterfat differential of 16 9 cents for the month The Class II milk price is down seasonally by 4 cents from the previous month while the butterfat differential declined one-tenth of a cent

These class prices are based on the April 1982 Minnesota-Wisconsin manufacturing milk price of $12 45 per hundredweight at a 3 5 percent butterfat content

The USDA reported that the wholesale price of Grade A butter at Chicago for April was $1 4735 per pound and the nonfat dry milk price was $ 9344 per pound, f o b plants in the Chicago area

Dairy sanitarians hold annual meeting

UNIVERSITY PARK — The annual conference of the PA Dairy Sanitarian's - Laboratory Director's will be held at the Keller Conference Center on the University Park campus of Penn State May 24-26

Joint sessions of sanitarians and laboratory directors will start at 1 30 p m on Monday, May 24 and continue until Tuesday noon Separate programs for the two groups will be held Monday evening, Tuesday afternoon, and Wednesday morning An awards banquet will be held on Tuesday evening

More than 45 persons will participate in the panels and presentations Topics include regulations, standardizing electronic testing equipment, causes of fat test variations, controlling milk losses, impact of antibiotics, protein testing and payment, milk promotion, dairy situation, energy saving on farms, and cleaning farm milk equipment

For a copy of the program contact the Agricultural Conference Coordinator, 409 J O Keller Building, University Park, PA 16802 or Sidney E Barnard, chairman, at 814-865-5491

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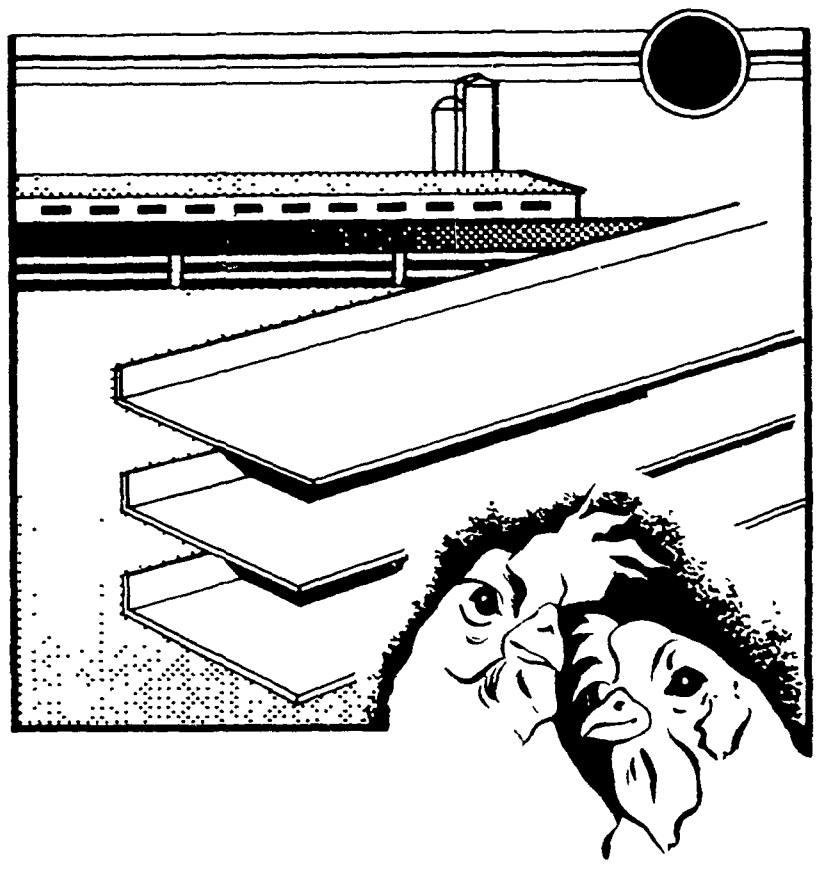

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Phenomenal wheat harvest improves Md. varieties

COLLEGE PARK, Md — Scientists at the University of Maryland are taking what they learned from a wheat experiment that yielded more than 100 bushels an acre last year to improve general wheat production in Maryland

Research botanist James Kantzes of the University's Maryland Agricultural Experiment Station used a combination of experimental and commercial fungicides, growth regulators and heavy doses of fertilizer to force "Blueboy" wheat over the 100 bushel-per-acre mark.

Ironically, "Blueboy" was purged from MAES' list of wheat varieties recommended to Maryland farmers five years ago because it is highly susceptible to a fungus disease 'powdery mildew" The use of fungicides overcame this problem in the experiment

The more than 100 bushels-per-acre figure posted by "Blueboy" is a 50 percent increase over its normal harvest under standard growing conditions

Now MAES scientists are extending the techniques they used on "Blueboy" to other wheat cultivators in a four-year project the researchers say will include studies of wheat-soybean double cropping practices and no-till cultivation.

No-till double cropping is a modern agricultural technique in which a second crop in the growing season is planted directly in the stubble of a previously-harvested crop It allows farmers to increase land productivity and profits — they harvest two crops from the same field during the same growing season with a minimum amount of field preparation between the harvest of the first crop and the sowing of the second.

That savings of labor and farm equipment fuel adds to a farmer's profit potential, according to researchers

"We'll be taking what we learned about Blueboy and apply that to some other wheat cultivators, some of which already are available to farmers and some which are still in the experimental stage," said David J. Sammons, MAES agronomist who will head the four-year, seven-scientist-team project.

As with "Blueboy", Sammons and his colleagues will study combinations of heavy doses of fertilizer, fungicides and growth regulators to determine which combinations work best with different varieties of wheat.

"Oddly enough," he said, 'We use fertilizers to promote growth and growth regulators to stunt growth once the wheat reaches a certain stage in its maturity."

This is done, he added, to prevent lodging. Sammons said he and fellow researchers will study other variables in their quest to improve wheat production in the state.

A common problem with double cropping existing wheat and soybean varieties is the weather, Sammons said.

"It's hard sometimes to get a good stand of soybeans by the time you get them in the ground after a wheat harvest in Maryland," he said. "It's often hot and dry then."

Irrigation studies, he added, may solve that problem.

The seven-man team also will examine how their double-cropping system of treated wheat and soybeans fares under two methods of cultivation—no-tillage and conventional-tillage

No-tillage practices for a number of crops are gaining popularity in the state, according to agronomists at MAES. Planting without plowing saves time, labor and money but may require more fertilizer, and lime, they say.

Conventional-tillage, on the other hand, is slowly losing ground with farmers. It is labor-intensive, involves the use of equipment and fuel but generally requires less fertilizer

A comparison of the two cultivation methods will help farmers make future decisions about how best to double-crop improved wheat and soybean varieties, Sammons said.

His team recently received a $10,000 gift from the Potash and Phosphate Institute to begin their research at MAES' Poplar Hill research farm near Salisbury, Md.

Youth rally next weekend

IONA — Mel Johnson, of the national radio program "Tips for Teens" and chairman of the board of Northwest College, Roseville, Mn , will be featured at a Youth Rally at the Midway Church of the Brethren, near the Cedar Crest High School, on Saturday and Sunday, May 29 and 30

The Saturday schedule includes recreation and snack auction at 6 30 p m. and the evening worship service led by Johnson at 9 30 p.m On Sunday, the schedule includes Sunday School at 9 a m , church service at 10 a m , question and answer session with Johnson at 1.30 p.m., gospel presentation by Christian Syephens at 7 p m , followed by evening workship service at 8 p m. Meals will be provided on Sunday

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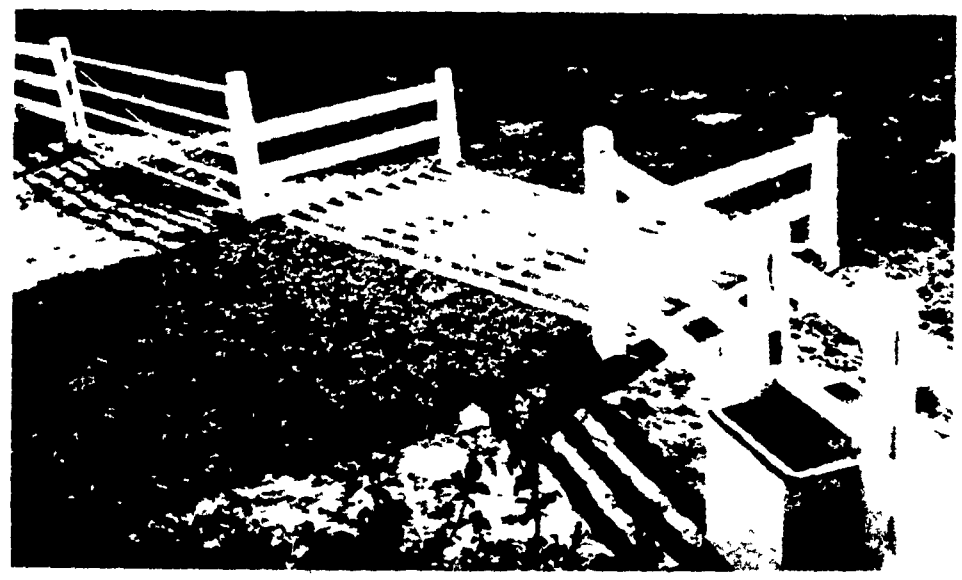

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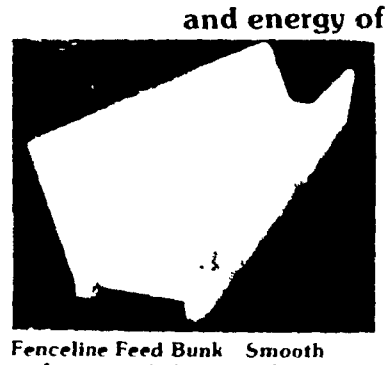

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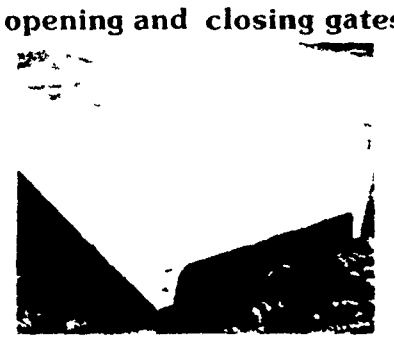

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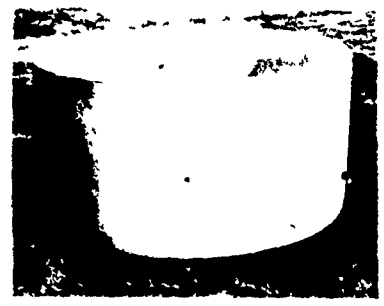

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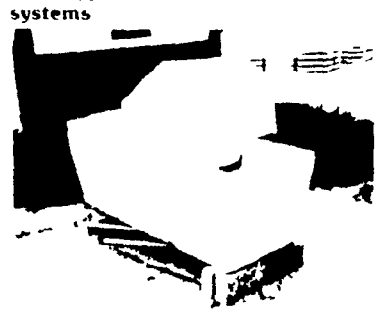

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Livestock Marketing Congress looks at future

KANSAS CITY, Mo. — One of the nation's leading futurists, along with the author of the best selling "The Nine Nations of North America," will be featured at Livestock Marketing Congress '82, June 16-18 in Regina, Sask.

The opening speaker will be Theodore J. Gordon, president of The Futures Group, Glastonbury, Conn One of the Group's recent studies was titled, "The Impending Revolution in Agriculture," which looks at agricultural developments in 67 countries.

"Nine Nations" author Joel Garreau will be the opening luncheon speaker at Congress '82, conducted for the 13th year by Livestock Merchandising Institute, Kansas City.

This year's Congress theme is "Charting The Future Longer-Term Prosperity for North America's Livestock Industry." General Chairman Charles E. Leask said Garreau and Gordon "will look at key factors affecting the livestock industry's future from their vantage points outside the industry Then a solid core of industry and academic spokesmen will probe specific topics "

Gordon will speak at the session titled, "The Future and Red Meat." Other session topics, in order, are "Assessing Our Future Production Potential," "Assessing Our Future Marketing Potential," "Steps To The Future," and the final session, "Assessing The Opportunities "

Washington Post Editor Garreau's look at the way "North America really works will ensure that Congress registrants will never again look at the continent in terms of arbiratury borders and boundaries," Leask said.

"Since we are concerned with the long-term future for the livestock industry on the North American continent, it was only natural that we try and determine what that continent will look like—not geographically, but in functional terms," he said.

Garreau defines the continent by economy, resources, attitudes and ways of making a living, Leask noted, "and since the livestock industry operates in virtually every part of North America, we owe it to ourselves to consider what it could look like."

Gordon, who founded The Futures Group in 1971, has been involved in futures research and policy analysis for several years His "Revolution" study focuses on developing agricultural technologies around the world, changing production and consumption patterns and the impact of these changes on the economies of these nations.

'Following a general overview of the social and economic changes we can expect in the future, Gordon will describe the future of red meat in that society, ' Leask said

Session Two, on future production potential, will feature scientist Howard Fredeen and agribusiness excecutive Robert L. Campbell.

Fredeen is senior research scientist at Agriculture Canada's Lacombe Research Station, Lacombe, Alberta He will discuss future resource availability, including land, water, and feed, as well as what types of livestock will be produced, and in what volume.

Campbell is vice president and general manager of cattle and farm operations at Bartlett Agri Enterprises, Inc., Kansas City, which feeds 150,000 to 250,000 head of cattle per year.

He will look at the business side of future livestock operations, including methods and sources of financing; the structure of livestock production; the role, or lack of it, of the government in livestock production And perhaps most critically, Leask noted, Campbell will assess what caliber of management resources will be available to tomorrow's livestock and meat industry.

Clement E. "Clem" Ward, associate professor of marketing and Extension economist at Oklahoma State University will lead off Session Three, on future marketing potential. He will discuss future marketing methods, the structure of the marketing sector, potential technological developments, and potential government involvement in marketing

The future for meat marketing, product development and consumer demand for red meat will also be covered in this session.

Session 4, "Steps To The Future," will feature well-known industry analyst, and associate professor at Texas A&M, Edward Uvacek He will be teamed with C.M. "Red" Williams, professor and head of the Department of Animal and Poultry Science at the University of Saskatchewan.

"It's well and good to talk about the future," Leask noted, "but the Congress audience is going to want to know how we get from here to that future So, Uvacek and Williams will provide a detailed, industry outlook for the next five years, beginning with 1983 "

After their presentation, cattleman Sam Washburn, current president of the National Cattlemen's Association, will analyze what type of management will be required to succeed during that five-year period.

The final session includes three speakers, Charles A Gracey, manager of the Canadian Cattlemen's Association, Orville K Sweet, executive vice president of the National Pork Producers Council, and E.K "Ted" Turner, president of the Saskatchewan Wheat Pool, Canada's largest agricultural cooperative

Gracey and Sweet will do a commentary of the first four sessions "The Congress will be analyzed by two of our industry's most articulate and knowledgeable leaders," Leask said 'In addition to leading the CCA, Gracey travels and writes extensively for the industry press about the livestock industry

'And Sweet is well-known for his outspoken advocacy of the interests of animal agriculture Prior to his taking over the top executive office position with the NPPC, he headed the American Polled Hereford Association for 16 years," Leask said

Turner, who has been Wheat Pool president since 1969, will stress how critical it is for persons in the livestock industry, not only to be aware of, but to understand, the policy issues facing the industry in future years, Leask noted He will also look at the implications of these issues for individual livestock businessmen "

Leask added, We are proud of the fact that the annual Congress is generally regarded as the livestock industry's premier conference on livestock economics Anyone with an interest in this business should be in Regina this June '

Congress registration information can be obtained by contacting the Institute, 301 East Armour Boulevard, Kansas City, MO 64111, telephone 816/531-2235, or the Saskatchewan Wheat Pool, 2625 Victoria Avenue, Regina, Sask , S4P 2Y6, telephone 306/569-4465

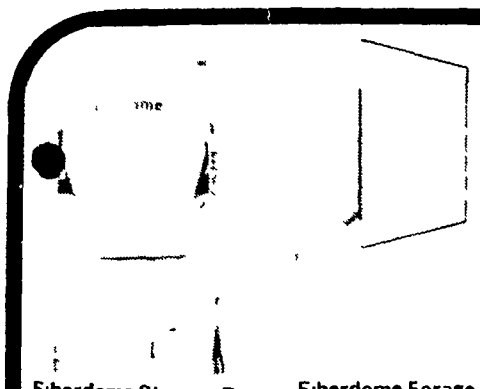
Corn Growers' president meets with Reagan on economic recovery

WASHINGTON, D C — "U S corn farmers support the effort to continue to keep inflation at the current level along with the requirement to reduce federal expenditures without significant tax increases Only a combination of these fiscal measures for Fiscal Year 1982/83 will begin to break the back of the persistent and unacceptably high interest rates," Bill Mullins, the farmer-president of the National Corn Growers Association, said in a meeting last Tuesday at the White House The National Corn Growers Association President from Shabbona, Illinois, commented to President Reagan that "U.S corn farmers were prepared to work with Budget Director David Stockman to develop a corn production program for the 1982/83 season that would be more meaningful and less costly than the apparent result of the voluntary 'set-aside program' for the 1981/82 corn crop."

Mullins attended this meeting with Reagan and Stockman to review the legislative outlook for obtaining a Fiscal Year 1983 budget along the lines of the compromise budget developed by the White House and the Senate Budget Committee He also pointed out to the president and Stockman that "...the combination of low grain prices and persistently high interest rates could well be 'disastrous' for American agriculture While farmers are prepared to accept their 'fair share' of the reduction in federal expenditures to move toward a balanced federal budget American corn farmers cannot continue to wait another season until the economic recovery program' takes place "

In his exchange with Reagan, Mullins also reiterated his organization's appreciation and support for the "very strong and forthright statement of President Reagan on March 22, 1982, about a 'consistent and reliable export trade policy' for U S grain farmers " In his statement to a press conference following this meeting with the president, Mullins stated that Reagon had again 're-confirmed that grain export would not be singled out for selective and partial use in any embargo for national security for foreign policy reasons Unless there was a total and comprehensive set of economic sanctions having the support of the other major exporting countries, grain farmers would not again suffer the financial consequences of having to experience another partial and selective export embargo "

"An effective production management program in 1983, re-establishing normal grain trading with the Soviet Union to move significant corn exports, coupled with relief from the current level of interest rates are the best mixture of measures needed to move toward 'profitability' one again in grain farming," Mullins concluded



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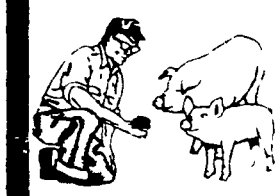

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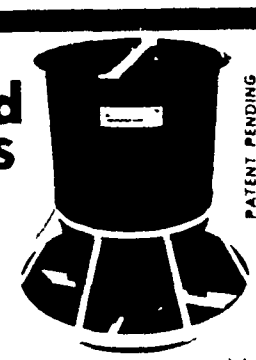

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The Milk Check

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Proposal

It seemed that Secretary of Agriculture John Block was reminding Pennsylvania producers of the serious supply/demand imbalance that exists in the dairy industry. On the same day ballots were mailed from Harrisburg for the milk marketing referendum, Block announced that he is proposing changes in the 1981 Farm Bill.

The announcement had been expected for nearly a month, but still came as a surprise to most of the industry. What he proposed was an elimination of the 15 cent increase in the support price on October 1 that was in the Farm Bill.

In addition he asked for "complete discretion" in determining the support price after December 31 but didn't think it would go below $12. He also promised some extra efforts in surplus dairy product disposal from government storage stocks through exports and giveaways.

He also said he would look into the problem of casein imports and see what could be done to promote new and expanded uses of dairy products.

Blank Check

Promises of improvements in marketing or disposal seemed rather vague in return for what seemed to be a blank check for determining the support price next year. Of course, all of this was just by way of a proposal to Congress who has the only authority to change the present legislation.

It's ironic that it took the Congress 12 months to agree on the Farm Bill that got passed in December and lasted only four months

Reasons for the changes proposed by the Secretary were the continued increasing milk production and cost of the price support program that the Secrtary himself kept reminding the public was up to $250 thousand an hour.

It is expected that Congress will consider the proposal the second week of May, but the National Milk Producers Federation is also hoping to have their Dairy Stabilization Plan introduced in the Senate before then.

The Milk Marketing and Promotion Act introduced by Congressman Jeffords of Vermont is already designated H.R. 5869 so there should be a flurry of price support proposals around Capitol Hill this month.

If you haven't read up on quota plans; base and excess prices; supply management and self-help programs, you better start or otherwise you won't be able to follow the action in Washington.

More Giveaways

As Pennsylvania was announcing it would give away more than 2 million pounds of surplus cheese in May as part of the 70 million pound national giveaway that followed the 30 million pounds last February, Secretary Block also announced that he was releasing another 100 millon pounds.

This is in addition to a "pilot" giveaway butter program in Iowa that provide 40,000 pounds in a 10 county area. Certainly, giveaways are better than losses in storage or to foreign countries, but it would be "embarrassing, unacceptable, intolerable" if we couldn't even give it away fast enough.

Showing, fitting workshop mixes work and fun

SYKESVILLE — This July, the Pennsylvania Junior Guernsey Breeders' Association will mix business and pleasure during the two-day Northwest Regional Fitting and Showing Workshops.

Open to any youth with a dairy project, the how-to-show-and-fit workshop will feature an overnight campout, swimming, hiking, a family chicken barbeque and much more.

The workshop which includes a $6 registration fee, will be held on July 7-8 at the Jefferson County Fairgrounds, located on Washington Street, just off Route 119 in Sykesville. The first day activities begin with registration at 9:30 a.m. followed with demonstrations by outstandi.. dairy showmen and fitters. Each participant will work with a calf under trained supervision. The calves will be provided by local breeders. At the day's end, participants will compete for awards in a fitting and showing contest, judged by Guernsey breeder Ginger Myers of Littlestown.

The second day will include breakfast at Maplevale Guernsey Farm followed by a variety of activities at Cook Forest. The overnight campout and morning at Cook Forest will be optional to participants.

For the workshop, participants are urged to bring a bag lunch, (drink will be provided) and if possible, clippers, brushes, wash bucket, snow halter and a change of clothing for the show. Those staying overnight should bring sleeping bags, swim suits, walking shoes and toilet articles.

Pre-registration forms are available at: Pa. Junior Guernsey Breeders' Assoc., 2497 Lincoln Highway, East, Lancaster, P.. 17602. For more information ca.. the Pa JGBA at 717-299-8955.

N.Y. Cattlemen open Beef Exchange

JASPER, N.Y. — A Beef Cattle Marketing Exchange will be initiated June 1 by the New York Beef Cattlemen's Association.

Helen Patton of Bainbridge has been named coordinator of this Market Exchange which is designed to be a centrally-located, reasonably-priced, producer-oriented service.

New York Beef Cattlemen's Association members with any type of beef cattle for sale will be able to list them for a fee with the Market Exchange. The six-month listing will be updated with participants informing Patton immediately when a sales has been completed so the list can be kept current.

Buyers looking for beef cattle may call the Market Exchange. They will be given the names, addresses, and telephone numbers of all those persons who have listed the desired type of cattle (i.e. feeders, steers, brood cows, etc.) at no charge. Neither Patton or the Market Exchange will be involved in making or completing any sale.

The Beef Cattle Market Exchange has been developed by the New York Beef Cattlemen's Association in response to producer requests. It is designed to open market communication lines.

Specific information about listing procedures and fees can be obtained by contacting Helen Patton, R2, Box 90, Bainbridge, N.Y. 13733 or 607/967-7261. Market Exchange hours will be Monday, Wednesday and Saturday from 9 a.m. to noon and Tuesday, Thursday and Friday evenings from 7 to 9 p.m. No collect calls will be accepted

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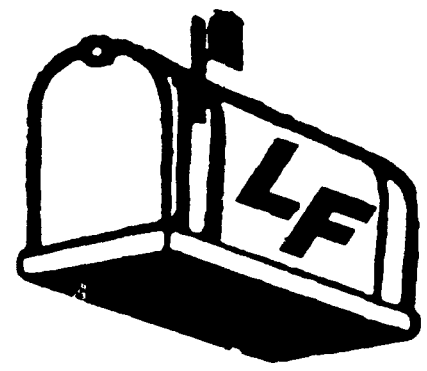

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FARM EQUIPMENT

4020 console model, power shift, dual hydraulics 814-793 4293

AC 190-XT, diesel, needs work, $3000 or best offer 814-793 4293

New bale throwing wagon bodies, all oak lumber creosated 8 x8 x18 215 273 2594

Wanted Good used 14 9x24 or 16 5x24 tractor tires 215-343 4953

AC Model G combine hydrostatic, 16' grain head, floating cutterbar, cab air cond, excellent condition $16,000 301 822-3584 AC 6 row 30 corn head, fits F, G or CII, low acreage, $4,000 301 822-3584

Wanted to Buy - 402 NH Crimper 717-687-8021 after 6 p m

For Sale AC Lilliston 6R rolling cultivator, like new, Gehl 115 grinder-mixer JD 46 front end loader with independent valves, White 283 16' field harrow, 2 gravity bins 300 bushel each, Bush Hog 10' chisel plow, JD 340 heavy duty offset disc good cond 13, Call by 9 P M 215-756-6320

Custom built double chain wooden conveyors and tapered board feeders Also flat bed and hay rack wagons and single, double and triple trees, up to 8 horse hitches Yokes Samuel K Stoltzfus, 550 Beechdale Road, Bird in-Hand, RD #1, Pa 17505

JD 4630 power shift, cab and air, triple hydraulics, JD 4020 diesel power shift, JD 3020 gas power shift Call by 9 P M 215 756-6320

United Farm Tools auger box on tandem axle trailer, can be used for fert or grain, $2,000 Lycoming Co 717 547 1789

For Sale JD 7000 8 row no-till planter, liquid fertilizer, insecticides, herbicides and population monitor Call by 9 P M 215 756-6320

For Sale JD 6600 diesel, JD 7700 turbo hydro deisel, JD 4400 gas low hours reasonable JD 213 flex head, JD 643 corn head, JD 444 corn head Call 9 P M 215 756-6320

FARM EQUIPMENT

For Sale 68 HP Lombardini diesel w/clutch reduction unit very reasonably priced Benuel Beiler, R D 1, New Providence, PA 17560

100 gallon liquid fertilizer system w/pump, 20 boom, 3 pt hitch, knife implement 302 697 7667 ask for Bill Jr

Farming Equipment for sale Washer, Candler and grader, 30 case per hour on Big Dutchman feeders, all equipment for baby chicks 201-297 3732

SLUDGE APPLICATOR Diesel, 3500 gallons, Goodyear flotation tires, low mileage Ready for work Must sell due to contract cancellation Will consider financing Call 215 237-0700 for information

For Sale - 17x7 FBB grain drill, double disc, depth band, exc for soybeans, good condition 717-733-4516

For Sale - 6 new 10 ton wagon gears, $515 ea Lanc Co 717 354-0595

Gleaner F2 corn-soybean special combine, 1980, only 300 hrs, 4 row corn hd, 13' grain head, exc condition 607-525-6311 or 6145 Combine was stored inside every night after days use and fully serviced every morning

Farmers & Dealers - Your advertising pays for itself when you advertise your equipment in the farm equipment section 717-394 3047 or 717-626-1164

JD 4020 diesel dual hydraulics, year round cab, exc cond 814-793-4293

Combine, Harvester and Corn Head Parts For Sale off used machines Wenger's 717 866 2135

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw- in hub which has the ability to tighten up on new or worn crank shafts Also available new manufactured un breakable fly wheels Allen Machine Works, RD #7, Jonesboro, Tenn 37699, 615-753-5738 day or night

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH 717-263-0013 Wilmington, DE 302-655 8500

Used Farm Tractor Parts by the thousands Wenger's 717-866 2135

White 2-105, cab, air conditioning, radio, dual hydraulics, 540 & 1000 shaft, 1300 hours $14,500 814-793 4293

Hydra Fold Auger Inc 6 or 8" gravity box auger, truck auger, grain bin drive unloading unit, little red toy wagon 149 N Market St, Paxton IL 60957 217 379-2614

FARM EQUIPMENT

For Sale MF 85 gas M&W kit, wfe, ind PTO 3 way hyd spool, looks and runs good Chester Co 215 932 2508

For rent or lease 4020 JD diesel good condition standard transmission, wfe Quarryville 717 786 3964

For Sale Leyland 270 tractor, 82HP w/250 actual hours, like new 814 364-9333 or 814 238-4957

2 Badger forage wagons w/roof 1 single axle, 1 tandem axle, IH 1066 w/air conditioner, cab & IH 1066 w/roll bar & roof Excellent condition Call 717-668 5215

For Sale John Deere model 45 combine, round back, 12 foot grain head, extra reel 2 row model 235 corn head, good condition Berks County Call 215-678 8274

JD 630 w/factory wide front excellent condition $3 000 firm 301 848 1272

NI 270 cutditioner ready to go in the field $800 301 549 1272

JD 1240 4 row conventional corn planter plateless, excellent condition w/extra unit $750 301-549 1272

Oliver baler for sale good condition 301-634-2767

Wanted to buy - John Deere model 820 diesel tractor, 3 cyl, 1968 1973 Call 215 539 9479

New Idea 323 corn picker IH 37 baler w/10 thrower Schuylkill County 717-425 2562

6-U-53 Detroit diesel engine, completely majored Will talk Cummins V-903 engine Good running condition $1250 Clearfield Co 814-583-5332

Grain and milling equipment Sprout Waldron corn cracker and grader, Roskamp oat crimper, SW molasses blender, Richardson bagging scale, several mixers, several step-starters for large motors, and other starters, platform scale, Fischbein bag sewer, etc This equipment is suitable for feedmill or large farmer wanting to process own grains 703-937-5656

For Sale - JD 4010 diesel, wf, new 18 4x38 tires Less than 100 hours on overhaul, w/4020 kit $6000 or best offer 717 532-8601

1 horse drawn Krause low wheel cultivator, very good condition 215-822 0889

970 Case, Cab, Air, real sharp must sell 717 733 7408 or 717-738 1677

Horse Drawn Equipment, NI side delivery rake and tedder, Syracuse sulky plow, Wiard sulky plow Milk sleigh, Wiard flat land plow, McCormick Deering sidehill plow, McCormick Deering mower, Ontario grain drill, 2 row corn planter, sulky cultivator, hay rigging, heavy logging bobs, one set skidding harnesses, 1½ HP McCormick Deering engine 717-662 2328

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VILSMEIER EQUIPMENT INC
Route 309
Montgomeryville, PA 18936
Phone 215 699-3533

FARM EQUIPMENT

Notice! Would the gentleman from the Reading area who called that had a John Deere No 40 combine for sale call 717 275-4559

IH 706 gas 3 point 2900 hours $6 000 NI 702 Uni chopper 1200 hours 2 heads overhauled motor $6 000, IH #10 grain drill 13 disc $1 000 51 IH chuck wagon 8 ton chassis $1 500 61 IH chuck wagon 10 ton chassis $1 000, 440 IH 4-16 s mounted plow $1 600 Excellent condition Tioga County 717 673 3334

Tank manure spreader for sale approx 175 bu good condition Call 717 872 5523

For Sale Corn pickers Woods Bros Good condition IH one row mounted for Super C Call after 5 p m 717 788 1780

HAY EQUIPMENT FOR SALE
MC 5 Corn Chopper
NH 55 & 56 Hay Rakes
NI 402 wheel rake $600
Farmhand 5 wheel rake
NH 268 Baler
NH 24 & 30 elevators
717-687-6553 or 717-687 8021

Combine 3300 JD 422 hrs looks like new 814 926 3669

1750 Oliver diesel Just overhauled $6500 301 833 1847

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For Sale - Bale kicker wagons steel or wooden sides, complete with running gear or will put sides on your bed 8x8x16, 18 or 20 ft lengths Also flat bed wagons 1 mile north of Gap along Rt. 897 STOLTZFUS WOODWORK, RD #2, Gap Pa 17527 717-442 8972

FARM EQUIPMENT

For Sale New Holland 401 hay crimper also Ford 311 4 row corn planter Chester County 215 273 3274

IHC 5100 18 hole double disk soybean special grain drill used on 50 acres like new $4 000 JD 12 cultimulcher A 1 $1 750 Phone after 7 P M 201 369 4120

For Sale AC 782 Harvester w/2 row corn head $600 Lancaster County 717 442 8327

6700 Ford tractor with 900 hrs 151-4 bottom 16 reset plows with second set of shears Price a new one make reasonable offer Will Sacrifice Must sell Call 717 538 1555 anytime

Wanted Various seed plates for JD planter Call with plate numbers 717 386-4249 evenings

POTATO PACKING LINE Complete late model Haines 25 cwt per hour capacity Will consider tractor trade 717 386 4249 evenings

JD 2840 900 hours excellent condition $13 500 717 896-3630

Gehl 170 mixer wagon electronic scales used 14 months like new Washington County 301 790-3299

White #2 135 air ETC 400 hours perfect 301 473 5721

Ford 532 baler like new condition $1700 NI 201 spreader fair asking $250 Harry Corl State College PA 814-238 6639

For Sale Dunham 6 row cultivator w/styne shovels like new AC 4 row cultivator 3 pt 717 354-5092

Oliver O C 12 loader 6 cyl diesel 1 yr bucket tracks and JD-L good condition and JD mower and plow for JD-H Call 717-629 0494

For Sale John Blue sprayer on truck w/metering wheel 40 booms 215-584 6894 after 7 P M

NI 1037 auto bale wagon very good condition $11,000 JD 4420 combine 15 head like new, only 200 hrs $48,000 Krause 12 disc $1,000 609 655 0337 after 6 p m

Will buy & sell all types of horse drawn equipment 215-593-5754

FARM EQUIPMENT

JD 2020 diesel 1800 hours 814 793 4293

Int Model 12500 HSA rubber tires tractor PTO 3 pt hitch power steering and dual wheels rear $3500

Ford 3500 Diesel Tractor fully equipped enclosed cab good running condition $3000
VILSMEIER EQUIPMENT INC
Construction Equipment
Sales & Parts
Route 309
Montgomeryville Pa 18936
Phone 215-699 3533

1976 7060 AC tractor w/cab duals 20 8x38 excellent condition Call 215 932 2753

72 JD 4020 side console wide front, 2700 hours $9 500 814-793-4293

JD 730 diesel electric start 3 pt. hitch fenders exc cond 814 793-4293

7G crawler loader very good condition asking $10 900 Will consider trade in 717 367 9773

JD 4010 diesel wide front excellent 814 793 4293

JD 2510 gas dual hydraulics 3 pt power steering 3000 hours $4300 814-793 4293

8 row White planter excellent condition 1 year old For information call 215 932 2753

2600 gal Better Bilt vacuum tank spreader w/injectors like new 1 yr old $10 500 Zimmerman dairy and poultry manure auger approx 26 717 637 0192 early mornings or early evenings

FARMALL TRACTORS FOR SALE
Super C NFE fast hitch
Super C NFE cultivators
240 NFE fast hitch
Cub w/belly mower
Cultivators for all of the above
717-687 6553 or 687 8021

IH 856 cab, 3 pt exc cond 814 793-4293

For Sale (1) 8 & (1) 10 Brillion Packer Seeder, 1 NH 404 hay conditioner 717 687 6553 or 687-8021

JD 4430 w/1600 hrs 4230 w/1400 hrs, 4320 w/200 hrs, 4020 170 skid steer loader IH 1086 w/1000 hrs 1466 IH 20 Holstein cows, bale throw racks and forage boxes new & used 717 547 2387

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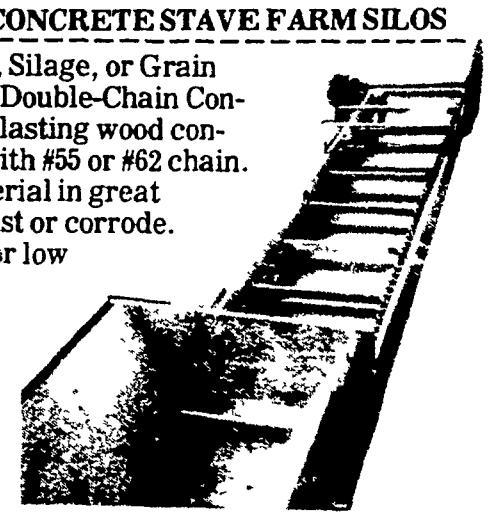

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Used Belt Conveyor 20 ft	$100.00
Used 2-Can Milk Cooler - O.K.	$ 75.00
Used & Reconditioned Silo Unloader Tripods	½ Price
Used Hydraulic Pipe Bender (1¼" Pipe)	$200.00
Used 9" Heavy Duty Auger (15' Long)	$350.00
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PHONE 717-299-3721 - Larry (Office) Wayne (Sales)

FARM EQUIPMENT

For Sale Kubota L-245 pt, 4 wd tractor, three cyl D w/front end loader & farming winch Excellent for firewood Call 717 242 2689 or 717 667 2066

1 molasses mixer and motor, 1 round feed hopper, holds 8 ton, 1-feed grinder, 60 h p motor, 50 h p motor, shafts and pulleys, 10x22 Fairbanks Scales Contact The Farm Diner, E'town, Pa on Rt 230 717 367 6956

IH fast hitch 2 row corn planter 215-856 5073

Clark forklift on solid tires, propane, goes thru 3 door, 1 ton lift to 10' high, $2000 Har Co MD 301 838 6196 after 6

1973 NH 985 combine for sale, cab, 13' platform, 4 row corn head, ride tires, straw chopper, exc condition $12,500 215 845 7057

One 4 row, new MF, 3 pt hookup cultivator, $2,100 One Lamco 16 Forge wagon, 10 ton running gear in good cond $2,100 One 160 MF manure spreader, $1,100 215 589 4575

White tractor 2-105 665 hrs excellent condition $18,000 White chisel plow 10 shanks $1700 NH haybine 488 $3500 814 643 4446, evenings

Endless blower belts 2 of size 6" x 50' for $50 each Bucks Co 215 794-8287

Dunham Lehr front end loader to fit 40-60 h p tractor 215 683 6260

Massey Harris farm tractor, excellent condition with plow sickle bar, disc harrow, sprayer wagon and much more $3500 301 836 1906

Oliver 1855 wide front w/2000 hours, new rubber $7,500 717-546-6990

JD tractor, spoke wheels w/rubber tires, good sickle mower on back, can be taken off, small wheels on front, set of workers 814 355-7334

T020 Ferguson w/loader, 40 HP, Oliver cletrac diesel crawler, pto Wanted 3 pt backhoe 717-927 6564 evenings York Co

For Sale Irrigation equipment, new and used pumps, pipe, sprinklers and accessories 717-799-5306 Gerald Bodmin

Bids being received on 1972 Chevy ¾ ton pick up with 32' reach Dura lift bucket lift Tool boxes on pick up sides Bids closing 5 28 82 201 735 3329 Mr Brower 8-5 Mon Fri

IH 1456 runs good, priced to sell Lanc Co 717 284 2761

JD 3010 gas w/cab and wide front end 717 569 0969 evenings

For Sale IHC f/h corn planter, IHC 3 pth 100 mower, NH 450 3 pth mower, NH 456 trailer moer, NH 36' elevator 717-687 6553

M/Moline G1000D 301 833 1847

494A 4 R corn planter 301 833 1847

2 pull type plows, JD and Oliver 301-833 1847

48' hay elevator 301-833 1847

EQUIPMENT WANTED FOR NEW JERSEY S BUSIEST EQUIPMENT CONSIGNMENT AUCTION Tractors, implements trucks, lawn and garden Next Auction Saturday, June 19th 9 A M Fair rates Call Jack Wooton at Towne Tractor Co Rte 33, Freehold, N J 201 431 3838

For Sale 2 used Acorn cable barn cleaners, 170 & 180 ft of cable, (2) 1½ h p reversing motors Good for parts Call after 7 P M 717-434 2697

Oliver 1750 D 301-833 1847

For Sale - (1) 30' 12 row Brillion hydraulic fold cultivator 1 year old, new condition $3500 firm Call after 8 P M 302 378 2816

FARM EQUIPMENT

Antique JD tractor on rubber, good mower good workers on front 814 355 7334

4030 JD, real good shape, $7500, 336 JD baler, 30 thrower, nice $3500 717 733 7408 738 1677

For Sale Harvestore 50 belt feeder with four lot control Excellent condition 717-224-4310 Wayne Co

Brillion chisel plow, 10, exc cond, $1,390 Seed broadcaster, $290 22 hay elevator, $225 Two McCurdy corn wagons, $650 each NH grinder mixer, 2 ton, $2,100 G T corn dryer, 370 model, $3,500 JD 3300 combine w/cab, 2 row corn head, 10' grain head, $13,900 717 292 1079

For Sale Ford plow, 4 bottom, semi mount $400 MF haybine $600 215 683 6074

JD grass mower for horses w/hyd system and engine, very good condition NH hay conditioner JD hay conditioner Vicon hay rake w/4 and 5 spinners, 3 pt or for horses JD 20x24 disk harrow w/new blades Gideon L Fisher, 61B Old Leacock Rd Ronks PA 17572

For Sale Two 7 JD grass mowers, three 24 blade KBA disks Mine Road Farm Shop, Sam J Esh Paradise, PA

NH Tank Spreader #368 looks new $2800 JD fert spreader, looks new 10 to 12 ton capacity $2500 Starline tank spreader small $1400, 717-776 6203

D 4, angle blade, good under carriage 301 838 6196 after 6

JD model 700 grinder mixer used less than 1 year Priced to sell 717 483-6953

Myers chuck wagon, 3 beater, Gehl chuck wagon, 2 beater, Wetmore blower, AC field chopper, 2 heads, JD 16A field chopper, Chrysler industrial engine 215 749-2101

New Farmall 986 with air conditioned cab loaded, priced to sell Bender Implement, Somerset, PA 814-443-4611 evenings 814-445 4265 814-445 7309

Hesston haybine PT 12, clean, asking $1500 Kutztown, PA R#1 215 683-3094, No Sunday Calls

For Sale - Ford 5-18' automatic reset on land hitch plow $1500 717 656-2321 Lancaster Co

NH 479 haybine, good condition, 275 gal fuel tank on skid w/pump 215 286-9343

Want to trade PTO shaft for John Deere 24T baler motor For Sale Oliver 520 motor mounted baler Jacob C Swarey, RD #1, Box 365, Belleville, Pa 17004

For Sale - IH #53 4 row cultivator, 3 pt, IH fast hitch 2 row cultivator, IH 2 row cultivator for Farmall Super C, Ford 3 pt 2 row cultivator IH fast hitch mower, JD #8 mower, NH #271 baler w/thrower, 8x8x16 bale wagon, all new Grove forage wagon 215 562 4464

IH #56 corn planter, w/DD openers, and insecticides 4 row excellent condition $1 100 215 367-6160

For Sale Nuffield tractor, 60 h p WFE 3 pt PTO diesel good condition with 3 pt 5 mower $3000 Lancaster County 717 426 1405

John Deere 6 row rear mount cultivator 30 rows used less than 100 acres Call 215 948 9762

For Sale Bolens 8 HP tractor w/38 mower good condition Phone 717 354 5092

For Sale AC pull type pto corn picker, good cond $300 14 16 grain auger exc cond $170 Call 717 469 0834 evenings

FARM EQUIPMENT

WANTED AC PTO HAY RAKE ON TIRES WORKING OR FOR PARTS ALSO SHAWNEE BACKHOE 215-562 7318 8 00 A M or after 6 00 P M Berks County

For Sale - JD 7000 no till, fertilizer, insecticide, and ind markers dual rate monitor, $10 500 Financing can be arranged 717 532 9501

For Sale D21 Allis Chalmers series 2, fully equipped, low hours Phone evenings 717-568 7271

For Sale Ford 850 single axle tractor, gas engine, $950 Fruehauf tank trailer, 5 compartments 35 gal total capacity $600 Both fair condition, all new rubber Call Mond Fri 8 A M 5 P M 215 696-0376

JD combine, 6600 diesel air conditioning, 1975 model, rotary screen, 4 row narrow corn head, 15 flex head cutterbar, good condition, $19,500 301 658 4381 between 6 and 7 A M After 9 P M 301 378 4541

M2 Gleaner combine, corn soybean special, 15' head w/robot control 4 row corn head, 987 hrs Call after 6 00 301 755 6978

Wanted Used Potato planter and digger Call giving location, price and condition to 814 263 7270 between 9 00 A M and 5 00 P M

Baler, International Harvester #37 with thrower, excellent condition $1800, Cunningham hay crimper $200 A 1 condition, MC rotary scythe, 6 foot $450 609 466-0828

JD 1209 mower conditioner JD 1240 plateless planter IH 56 planter JD 2-14 plow 717 436-2235

MF 450 round baler, $3,000 or best offer MF 300 combine w/11' grain head and 2 row corn head, newly painted, $5,000 or best offer 215 369-1211

AC motor w/hyd cyl, 2 cyl Wisconsin overhauled, steel wheels for 336 JD baler, Zook 2 row horse cultivator, NI crimper, pony cart 717 768-8359

New 16' livestock trailer $1,895 New baler throw belts, sheep shears 717 776 7724

Cannon corn sheller 215 932 3130

JD 200 gal weed sprayer w/fiberglass tank JD 24T baler w/kicker,. JD 60 tractor All in good condition 215 679-9010 Montgomery Co

JD 420, JD 2039, JD 2020, JD 435, Oliver 1855, Ford 3000, Ford 5000, MF 265, Farmall Super C, Int 990 haybine, NH 479 haybine, NH 68 baler & thrower, NH 268 baler & thrower, NH 890 harvester w/2RN & pickup, NH 718 harvester w/1R & pickup, Int 350 harvester w/1R & pickup, NH 880 2R narrow head, NH 880 pickup 215-267 3281

NH 54A bale thrower in excellent condition to fit some late style balers - 273, 275, 276, NH 53A thrower to fit older models Call 717-949 3074

For Sale New Idea Uni system 702 tractor combine and 2 row corn head, reasonably priced Phone eves 717 568 7271

JD 3020 tractor side console, narrow front Case 995 w/cab IHC 756 w/cab IHC 990 mower conditioner 717 463 3511

656 Farmall diesel tractor both front ends exc condition asking $5500 215 794 8613 after 7 p m or around noon

GENERATORS
1 Winpower model 12/20 PTO 12/20 KW 48 amps single phase, $1500 L Ford diesel, 4 cyl, 172D 25 KVA, 20 KW 3 phase $2000 301 239 7781

FARM EQUIPMENT

For Sale Case 400 tractor, PS, 3 pt hitch good rubber Also 4 bottom 16' plow $1 350 for both 717 865 3488

7' Brillion mower $1000
DENNIS M MILLER EQUIPMENT
Rt 22 Grantville, PA
717 838 1888 anytime
717 469 0936 daily

JD 4020 D 1968 model w/cab, wide front, 2700 hrs Very good condition $7800 717-532 7054

IH Farmall M tractor, very good condition, new paint, good rubber, PTO, belt pulley and hydraulics, asking $1400 301-836 1280 Harlord Co

Combine 915 Int, corn head and grain head, exc cond 215 968-6464

1300 of 5 irrigation pipe 717 626 8113

Stauffer 2 row tobacco planter excellent condition 717-569 9861

Wanted Mixmill 717 665 2962

For Sale 2 used bale wagons good cond Parksburg 215 857 3460

For Sale Late 470 N H Haybine $2200 or best offer Also 1469 N H haybine Call for price 215 683 7943

For Sale - Wisconsin VG4D power unit with clutch and electric start and fuel tank overhauled 90 day warranty $1300 Used Chain Saws, and Brush cutters good selection to choose from 10KW Onan generator set powred by water cooled gas engine, single phase 110 or 240 volt, $1200 West Stauffer, Ephrata PA 717 738 4215

110 IH sickle mower, 2 12 4x24 tires w/rims, very good condition, disc to be pulled by a tractor with minimum of 25 hp 717-392-8930

New Idea cut-ditioner model 270 717 569 9861

For Sale MF 65 Diesel with new 15 5x38 tires clutches and brakes, 3 yr ago $2500 John Zimmerman, Waterloo N Y 315-568-5463

Agro matic cable barn cleaner in good shape 7 paddles works on shuttle stake 717 626 7654

NH 310 baler, $4,450 NH 213 spreader $2,250 PT10 Hesston haybine $1,750 Excellent condition 607 754 6138, after 5 p m

Wanted to buy used 3' irrigation pump 717 354 0175

For Sale MF #124 baler with thrower and super sweep pickup 717 568 7271 evenings

Ford 9000 tractor, lely Roterra, 8 295 International planter units on tool carrier, ready to go $16,000 201 462 6783

Heavy duty wide front end for JD 2030 717 569 9861

Int 303 combine, 2 row corn head, grain platform cab, 215 838 7271 $1800

50 hp electric turbine irrigation pump 3 phase 717 626-8257

2 Steam Jenny pressure washer $500 Deutz engine BF6L912 $4000 717 935-2223

NH 477 7 haybine 215 678 8274 Berks Co or 814 793 4576

IH 674 loaded 1100 hrs, exc cond IH 450 auto reset plows JD 494A corn planter exc JD KBA disk w/cultipacker Adams Co 717 432 3942 after 6 P M

For Sale IHC #9 mower NI horse rake and tedder 717 687-6553

For Sale Miller 10 offset disk w/hyd leveling 215 383 6818

Wanted JD 3 pt hitch assembly to fit a B serial number 229011 607 699 3775

Wanted 6 row narrow, 3 pt hitch mount cultivator 717 436 2235 Juniata County

FARM EQUIPMENT

For Sale MF Super 92 combine, good condition Lancaster Co Phone 717 367 7361

NH haybine 9' cut, excellent conditon 301-692 6141

For Sale IHC 815 combine, 13 grain platform excellent 743 and 744 corn heads, fair to good no reasonable offer refused 717 684-8690 after 6 00 P M

Case skid steer diesel, priced to sell, good condition 717 569 9861

Oliver 4R mtd cultivator 16 spring harrow Oliver 2 btm plow Oliver 3 btm 4340 plow McCormack baler sickle bar mower Buckwheat (cleaned) Can Deliver Lehigh Co 215 767 2033

For Sale NH 56 Rola bar rake excellent condition Sylvan King 44 Harristown Rd Paradise 17562

Pos hole digger 12 auger 717 569-9861

For Sale NH 71 harvester with corn head and 6 grass head, good condition 717 532 7905

New 847 NH round baler w/auto wrap and bale ejector $8,200 (one only)
New 310 NH baler w/70 NH bale thrower $6,500 (one only)
New 315 NH baler w/70 NH bale thrower $7,500 (one only)
Used 495 NH haybine $3,500
Used Super 717 forage harvester w/2 heads $1,500
Used 8600 White combine, no heads $15,000
Used K2 AC Gleaner combine w/10' grain head and 2 row wide corn head $18,000

FARNSWORTH SUPPLY
103 Cemetery Street
Hughesville, Pa 17737
717-584-2106

JOHN DEERE

NEW EQUIPMENT
JD 850 Tractor
JD 950 Tractor
JD 1050 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1207, 1209 Mower Conditioners
Hesston 1014 Hyd Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

USED EQUIPMENT
AC C & WC Tractors
Farmall H, MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Ford 8N Tractor
JD 494A Planter
IHC 350 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Brillion 10½' Offset Cutter
NH 6' Cutter
JD 50' Cutter
MF 41 Sickle Bar 3 pt Mower
NI Hay Rake
Plus other new and used equipment
Call For Details

MILLER'S SALES & SERVICE INC.
West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

FARM EQUIPMENT

For Sale New Holland 791 manure spreader like new $5975 00 Massey Ferguson 1100 diesel roll bar mult power, good condition $6500 Lancaster Co 215 267 7203

John Deere 5440 self propelled harvester excellent condition, 7 ft pickup, 3 wide row corn heads, $1000 hours Marshall Witter, Franklin County, Mercersburg, Pa 717 328 2093

John Deere 34 manure spreader completely rebuilt works and looks like new, Oliver No 5 corn picker like new, New Holland 351 grinder mixer wi, new hammers and rods in good shape Call 814 422 8096

Hay wagon with high sides 717 569 9861

Husky manure pump for 10 pit, like new, JD chuck wagon with roof, 16', good condition 215 267 6198

case

Case 2590 w/401 hrs, like new, fully equipped, still under warranty
Case 1070, 1978 Model, low hrs, good shape, cab and all
JD 4030 Tractor w/canopy in A-1 Shape
IH 3500A Loader, Tractor, Cab, Backhoe
Case 580C's Loader/Backhoe/Tractors Some only a few years old, traded for D's.
Plus NI cut/ditioners & mow/ditioners, tractors & spreaders in stock at Good Prices

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

NEW EQUIPMENT
JD 2240 Dsl w/FWhD
JD 2940 Dsl. w/FWhD
JD 2440 w/240 loader
JD 4240
JD 1440 Planter w/80 units $4500
JD 2420 SP Windrower $23,475
JD 534 Dozer Blade $2635
JD 3960 Harvester $9955
JD F950 12' Roller Harrow $3950
JD 567 Wheel Rake $1275
JD 450 Spreader $5645
JD 235 Disc Harrow 19'11" $11,800

USED EQUIPMENT
JD 3R 30" Corn Head $2895
JD 1R Corn head $650
Hesston PT10 Mower Conditioner $1695
NI 325 picker w/super sheller $5995
JD 344 3R 40" Corn Head $2495
Woods MC80 mower $895
JD 38 & 3800 Harvesters
JD 4B F125 Plow
JD 5B 1450 Plow
JD AW 9'10" Disk
JD 494 4R Plate Planter
IH 4R #56 Corn Planter $1450
IH 400 4R Air Planter $1895
IH 6R Air Planter w/dry fert
Farmhand Loader to fit JD 1010 & 2010
Brillion 9' Packer
JD 350 Rake 3 pt hitch
JD 4430 Dsl Tractor
JD 4020 Dsl Tractor

WENGER IMPLEMENT, INC.
The Buck, PA
717-284-4141

FARM EQUIPMENT

For Sale Brillion spring harrow transport 16 wide good condition $1100 717-665-6911

01 Frick sawmill $4,000 #2 American sawmill $1500, Bell sawmill, 6 mos old make offer Leroy Wray Douglasville 19518 215 385-3884

16' bale wagon $600 Call after 6 00 717 235 4960

For Sale JD 507 Gyro mower Grimm hay tedder JD 115 chuck wagon 717 786 4427

Metal factory built 3 ton feed bin 303 AC baler pto thrower NH 56 parallel bar, side delivery rake 717 862 3809 after 6 P M

4 row AC no till planter $2000, 150' Farm Eze belt feeder, $500, Northco magnet feeder, $400 NH tandem tank spreader $2000 All in good condition 301-371 6981

TRACTORS
- Case VAC
- Case 930 Tractor CK
- Case 430
- David Brown 990 Loader
- 990 David Brown
- David Brown 1410
- Oliver 880
- Oliver 1750
- White 2 105 Tractor
- Ford 2000 w/Loader

LOADERS
- Case 1830 Skid Loader
- Case 1537 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- 1845 Diesel Uni Loader
- Dunham Lehr Loader

TILLAGE
- Case Disc Harrow 10
- MF 12 Ft Spring Tooth Harrow
- Oliver 2 Bot Trailer Plows
- Oliver 4 Bot Mtd Plow
- MF 720 2 Offset Disk
- Used Cultipacker

HARVESTING EQUIPMENT
- Case 600 Combine w 3 Row Head
- NI Unisystem 702 Tractor 710 Combine & 760 Harvester
- NI 727 Husking Bed
- NI 323 1 Row Corn picker
- NI 2 Row Cornpicker
- Int Mtd Picker 2 Row
- IH 550 Harvester w/Pickup
- JD No 25 Harvester
- Case 300 Harvester
- JD Chopper
- NH 717 Harvester
- Kools Forage Blower

HAY EQUIPMENT
- NH 469 Windrower
- Hesston 1014 12 Windrower
- Hesston PT 10
- Dump Rake
- 3 pt Hookup Mower
- Bale Thrower Wa,
- Case Hay Rake
- JD Hay Rake
- NI Hay Rake
- JD 14 I Baler w/thrower

MISCELLANEOUS
- Ford 4 Row Corn Planter
- JD 2 Row Planter
- IH 400 Corn Planter 8 Row
- 10 Used Spreaders
- NI 224 10 ton Spreader
- Potato Grader
- Dump Wagon

AVCO NEW IDEA

SPECIAL
- 11Lx15 Tires 8 Ply Firestone $49 50
- NI 456 Round Baler

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933 4114

FARM EQUIPMENT

JD 4040 & JD 660 manure spreader, JD 110 disk, 479 haybine, JD 24T baler, NI hay rake
717-665-7953

FOR SALE
8 KW PTO generator on wheels, $950
'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10 20 radial tires sliding 5th wheel PS, $9500
215-286-9510

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Save 10% on Irrigation Repairs
Gaskets for:
Race - Irreco - Wade-Champion-Wosco - A/M - Shur Rane - McDowell and others.

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Good rebuilt GORMAN-RUPP PTO pump
Also used HALE and CMC, need repairs

EECO, INC.
Harrisburg, PA 17110
717-238-9423

JOHN DEERE

USED EQUIPMENT
JD 4440 Tractor
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 244 Cornhead
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
JD 214WS Baler
JD 346W Baler w/kicker
JD 485 mower conditioner
JD FB Drill
JD 3800 Chopper
JD 2450-6 Btm on Land Hitch Plow
Oliver 5x16 Plow

NEW EQUIPMENT
JD 7100 8-row 20" bean planter
JD 111 Disk
JD 215 Disk
JD 2450-7B-16" On Land Hitch Plow

OTHER LINES NEW EQUIPMENT
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)
Ceco Farm Buildings

J.S. COVERT & SONS
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202 (Between Flemington & Somerville)

FARM EQUIPMENT

NEW EQUIPMENT
WHITE -
2-155 Tractor w/Cab
508 4-Bot SAR Plow
508 5-Bot SAR Plow
588 5-Bot SAR Plow

NEW IDEA-
213 Spreader w/Single Beater
244 Spreader
245 Spreader
107 Spreader
325 Cornpicker
406 Rake

GEHL-
3510 Skid Loader

USED EQUIPMENT
MF Model 36 Hay Rake
Oliver 540 4-Row Planter w/Dry Fert
White 5400 4-Row Air Planter w/No Till & Dry Fert
White 5400 6 Row Planter w/ Fert & Insect, with Auger Attach
Oliver 252 Disk, 11'6' Reconditioned
JD Semi Mtd Hyd Reset 5-Bot 16' Plow
JD No. 1300 6 Row Plateless Planter
JD 494A 4-Row Planter, DD
NI 214 Spreader, 3 Beater

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

JOHN DEERE

USED TRACTORS
JD 2640
JD 620 Tricycle
JD 50 With Cult
JD A, Wide Front
JD "A" w/45 Loader
IHC MD Tricycle
Ford 9N Tractor

DISKS
Pittsburg 12 Ft
Pittsburg 18 Ft Wing
JD BWF 13 Ft 10 In
NH TD200, Demo

DRILLS
JD 13x7 w/Fert & gsa
JD 17x7 w/Fert & gsa

USED CORN PLANTER
JD 494 A Planter w/Insect Attach

HAYBINES, BALERS & RAKES
NH 461 & 469 Haybines
(2) NH 283 PTO Balers, 16x8 Bales
NH 269 w/Thrower
NH 275 w/Thrower
JD 346 Wire w/Thrower

COMBINES
JD 4400 Gas Combine w/Table & Choice of Heads

MISCELLANEOUS
NH 346 Flail Spreader
NH Bale Carrier w/Chassis & Motor
Circular Buck Saw w/Pulley
Lilliston 7 Six Rotary Cutter

SPERRY NEW HOLLAND

KERMIT K. KISTLER, INC.
Rt 143, Lynnport
PA 18066
PH 215 298 2011

FARM EQUIPMENT

case

New NH TR85 Combine, 13' head, fully equipped
Cash Price $57,000
or waiver of finance available

New 3 pt 12' Lever Harrow $800

JD #16 crop chopper, good shape

Plus
Used Haybines, Manure Spreaders, and other good used equipment available

Paul Shover's Inc.
35 E Willow Street
Carlisle, PA
717-243-2686

JOHN DEERE

JD 4440 Tractor w/Cab & Duals
JD 4020 Tractor P.S W F
JD 2440 Tractor
JD 2240 Tractor
JD MT Tractor w/plow, Cultv and Mower
MF TO30 Tractor
Farmall M Tractor
Farmall H Tractor
IHC 656 Tractor
Ford 861 w/Loader
JD 170 Skid Steer Loader
JD 1207 Mower Conditioner
JD 1209 Mower Conditioner
JD 7000 6R Consv Planter with liquid Fertz
JD 1240 4R Plateless Corn Planter
JD 1240 Corn Planter
JD 1240 Corn Planter
JD 1440 No Till Corn Planter
JD 1440 Planter w/Plateless Units
JD 3800 Chopper w/2R corn head
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD 6620 Side Hill Combine with platform and corn heads
JD 6600 Combine, hyd drive w/platform
JD 6600 Combine w/15' Platform & 444 Corn Head
JD 105 Combine w/platform and corn head
Gleaner MKS II combine w/platform & 6R corn head
Gleaner A Combine
Woods 120 Offset Rotary Mower
JD 709 Rotary Mower
JD 214 Baler w/thrower
NI 279 Cut/ditioner
JD 2800 6B Plow
JD 2800 5B Plow
JD 145 6B Plow
JD 1450 5B Plow
IHC 5B Plow
IHC 6B Plow

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

FARM EQUIPMENT

KEENER EQUIPMENT INC
Intersection of Rt 72 & 283
Lancaster
PA 17601
Phone
717 569 9861

LOADER TRACTORS
Ford ind model 3550
Nuffield
JD 440

FARM TRACTORS
JD 5020 4010 4020 3020 3010 M
IH 1468 1466 966 656 1206
Ford 4000 5000 6000 7000 8000 9000
AC D14 D15 D17 B G

CRAWLERS
AC w/ripper and bucket
JD 440 w/bucket
Oliver w blade

OTHER EQUIPMENT
2 row Stauffer tobacco planter
3 pt rotary mowers hay rakes stone rakes
PTO corn binder on rubber
Skid steer Case diesel

Ford Tractors Equipment

SPERRY NEW HOLLAND

TRACTORS
Ford 7600 w/1300 hrs
Ford 7000
Ford 2000 Gas, 6 Speed
Ford 960 Tricycle
Ford 9N
Ford 800 Dsl 5 spd trans
Ford 800 Dsl Select-o-Speed
Ford 600 w/side mtd mower
IHC 656 gas, 2200 hrs
Case 680 C Tractor/Loader
JD 2510 Diesel
Massey Harris 444
AC WD
AC B w/plow and cultivators
IH 3200 Skid Loader

EQUIPMENT
JD 1209 Mower Cond
NH 1495 SP Haybine
NH 467 Haybine
Hesston #10 Stack Wagon w/Stack Mover
New IHC 400 4R Cyclo Planter
Ford 6B On-Land-Hitch cushion trip Plow
Ford 6B Auto Reset Plow
Glencoe 9 Tooth Chisel Plow
Glencoe 12 Tooth Chisel Plow
New Class Combine w/4 Row Corn Head & 15' grain head
NH 516 sgl btr spreader
JD spreader
IH 340 Baler
IH 440 Baler
14' Schwartz Roll Back Body w/winch
Lawn & Garden Tractors w/Mowers

CHARLES S. SNYDER INC.
RD3 Tamaqua, PA
18252
Phone: 717-386-5945

FARM EQUIPMENT

Army Trucks
1 gas $3200
1 diesel, $4000
5 sp high low range tandem axle
Snap Bean Harvester on Int 666 hydro drive tractor complete with dump box
$11 000
JD 830 diesel
18 4x36 tires exc cond $4000
Disc Harrow
Oliver 15 like new
20 discs $1500

609-769-3183

FIELD QUEEN FORAGE HARVESTERS

NEW TILLAGE
12 Rhino Rock Flex Disc $4200
13 245 Bush Hog Offset 26 Disc $7600
14 1439 Bush Hog Disc

WHITE 8-Row Folding Planter - Special Price!
Also, Special Discount on White Tractors!

NEW EQUIPMENT
Hesston 30B Stacker
Allen 20' Hyd Rakes
NI 708 Uni w/Air, $29,000

USED TRACTORS
Oliver 1850 D
JD 2510 Gas
Ferguson 20

Used Hesston 4800 Big Square Baler

USED HARVESTERS
MF 510 Dsl Combine w/13 Soybean Head
NI 702 Diesel Uni
IH 715 Combine, 13 grain & 3 Row Corn Head
Fox 3310
Field Queen Side Dump w/Det engine, 3R Head & Pickup
Field Queen Standard 3R Head & Pickup

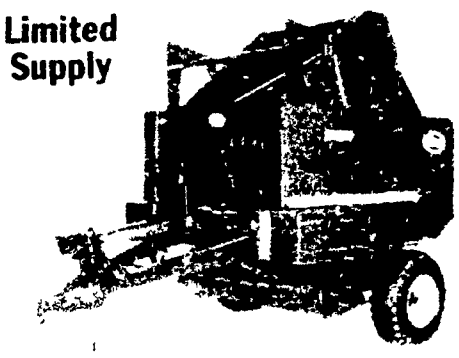
USED EQUIPMENT
Lely Double Wheel Rake
Pequea PTO Fedder
JD 1240 Planter
IH 400 4R Planter
12' Brady Shredder
Hesston Stackhand #30
Fox Blower
NI 728 4RN Head
NI 729 Sheller
JD 7' Rotary
NI 323 1R Picker
Hesston PT10 Windrower
NH 479 Haybine
Hesston 1010, 1014, 10 & 12 Ft Hydro Swing Windrower
NI 710 Combine
Little Giant 38' Elevator
Glencoe 4R vibra tine cultivator
Glencoe 13 Shank Soil Saver
Woods 80 Rotary Mower
Woods C114 Rotary Mower

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

FARM EQUIPMENT

NEW FROM Vicon THIS YEAR

Limited Supply



REASONABLY PRICED
MANY ADVANCED FEATURES, INCLUDING:

- Smooth Full Length belts
- Bale ejection ramps no backing up
- 108 Tooth 6 bar double cam pickup
- Variable bale density control
- Electronic twine tie std
- Automatic Chain oiler
- Variable bale size
- Rugged Unibody construction
- Ideal for use in high moisture
- Round bale silage

AVAILABLE AT
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RD1, Box 141
Peach Bottom, PA
717-548-2094
717-548-3775
717-548-2640
or
RED WING FARMS
RD 1378
Fleetwood, PA
215-944-0791

New Equipment Specials For the Month of May

IH 84 hydro tractor	$13,200
IH 720 5 furrow 18" plow, automatic reset	$6,800
IH 986 diesel tractor	$26,900
1190 mower conditioner	$6,700

F.O.B. McAlisterville
No Trades

NEW EQUIPMENT
IH 684
IH 584
#10 flail chopper $3700

USED EQUIPMENT
IH 544 gas hydro, new engine $5200
Ferguson tractor, $1800
Farmall 460 gas, $3500
Oliver 1650 tractor
AC gleaner combine model CII 14' grain & 4 row corn head $7000
IH 205 combine $6500
Oliver combine $700
IH 311 fast hitch plow $350
Oliver 3 furrow plow
IH 76 combine $500
IH 455 4 row corn planter $2500
IH 3 pt hitch corn planter $500
NH 469 haybine $2400
IH 400 Cyclo planters, 6 row $3500
IH 400 Cyclo planter, 4 row no-till $4200
IH 234 corn picker
72" Woods under mount mower $500
2- IH 990 mower conditioner, $1975
IH 234 sheller attachment $1325
Kelly loader $400 SOLD
2 IH 550 forage harvester hay & corn head $1500

DOMBACH EQUIPMENT
McAlisterville, Pa 717-463-2191

FARM EQUIPMENT

TRACTORS

Ford 7000 w/Load Monitor
Ford 5600 low hrs
Ford 6000 D WFE
Ford 5000 D Dual Power
Ford 5200 G 8 speed
Ford 4400 w/Loader & 3 pt
Ford 4200 00 D SOS
Ford 4000 w/Loader
Ford 3400 w/Loader
Ford 2600 G, PS
Ford NAA Hi-Lo Trans
Ford 1500 w/350 hrs
Ford 9N w/Woods Mower
Ford 800 PS
IH 666 D WFE
IH 504 G, 3 pt
AC 5040
AC 160D
AC D17 G
AC D15 Series 2
AC G w/equip
MF 235 G, PS
MF 135 G Live PTO
Ferguson 30 w/Loader
Oliver 1650 WFE
JD 3020 D WFE
JD 2010 Gas
JD 50 3 pt
Satoh 650 w/loader
Satoh w/Woods mower
MH Pony w/cults

EQUIPMENT

Ford 5x16 Plow
Ford 4x16 Plow
Ford Flail Mower
Woods 9½' Rotary Mower
MF 33 Grain Drill
JD 24T Baler
Ford 532 Baler
JD 1240 Plateless Planter
Bearcat Culti-mulcher
Mott Flail Mower
Brillion 5' Seeder

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

MF
SPERRY NEW HOLLAND

USED EQUIPMENT

Tractors
AC WD 45
MF 255, 200 hrs.

Tillage
Case 5B Auto Reset Plow
MF 66 3B Plow
Pittsburgh 8' Tandem Disc

Hay Equipment
JD 480 Mower Cond
AC 390 Mower Cond
Ford 535 Mower Cond
(2) Hesston PT10 Mower Cond.
NH 469 Haybine
MF #10 Baler w/th SOLD
MF #12 Baler w/thrower
AC 303 Baler w/thrower
IH #37 Baler w/thrower
MF #3 Baler w/thrower
IHC 47 Baler
AC Forage Harvester
IHC Forage Harvester
NH 717 Harvester
Papec Forage Blower

Combines
NH 1R-70
Cat Hydro w/15' Table and 6RN C H (Demo)
MF 540 w/13' Table and 4RN C.H.
(2) MF 300's w/cab, QA, 10' table and 2R C H.

Miscellaneous
Gehl 2600 Skid Loader
NH L35 Skid Loader
Starline Tank Manure Spreader
IH 13 Disc Drill
Ontario Disc Drill
Century 3 pt. sprayer
5' Pull Type Rotary Cutter
Used Knipco Heaters

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

FARM EQUIPMENT

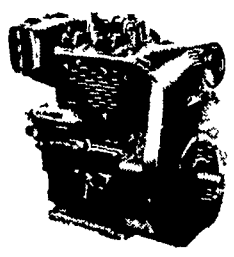
SAVE 50%
NH Haybine Rubber Chevron rolls, brand new
$395
717-285-4335

NH 1495 SP HAYBINE
NH 489 HAYBINE $4500
NH 479 HAYBINE $3250
NH 469 HAYBINE $1950
JD 1209 HAYBINE $3450

SHOVER'S
Loysville, Pa.
717-789-3117

FARM EQUIPMENT

Perfection



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USED & REBUILT HYDRAULIC COMPONENTS

Variable Volume Pumps
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HPI - Gerotor - Char-Lynn - Webster - Energy - Sunstand

12 Volt Valves - Spool Valves
Accessory Valves

Cylinders
2½x16 • 3x18 • 4x14 • 4x10 • 3x8
5x12 • 4x12

All Items Guaranteed And Priced To Sell

We Rebuild Pumps, Motors, Cylinders, Hydrostatic Transmissions, Etc.

BEILER HYDRA-MATICS
Box 587, Rt. 3
New Holland, PA 17557
(717) 656-2846

Badger | JOHN DEERE | HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS
JD 2640 w/340 Hrs
JD 2440 w/800 Hrs
JD 4030 w/1200 Hrs
JD 3020 D w/WF
JD 1010 D Crawler w/Blade
MF 65 Gas w/3 Pt

HAY EQUIPMENT
NH Mower Cond
JD 350 Rake
IH #14 Rake
JD 346 Baler
MF 12 w/Thrower
Oliver 620 w/Thrower

CORN PLANTERS
IH 400 Cyclo 6 Row 'Sharp"
JD 7000 4 Row W
IH 400 Cyclo 4 Row
JD 490 4 Row

HARVESTER
NH 717 w/2 Row Head
NH 880 w/Pickup
JD #15 Flail

MAY SPECIAL
Hesston 1070 Mower Cond.
$4500.00
Hesston 2000-100 Harvester w/Pickup
$7,000.00

JD 125 Skid Loader Gas	12,500.00
JD 1710 11' Mulch Tiller	$5,500.00
JD 1010 15' Field Cultivator	$1995.00
Landoll 7 Shank Soilmaster	$5150.00
Little Giant 42' Elevator No Motor	$1900.00
JD 465 Manure Spreader (Demo)	$3750.00
Taylor 7 Shank Chisel Plow	$1500.00

PIKEVILLE EQUIPMENT, INC.
R D 2, Oley, PA
Phone 215 987-6277
Berks County's Full Line John Deere Dealer
Serving the Oley Valley 46 years 1936 1982

FARM EQUIPMENT

SHULER EQUIPMENT SALES
RD#1 Box 228
Shuler Road
Shermansdale Pa 17090
717 582 4365 anytime
ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS

WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION

FARM EQUIPMENT

FOR SALE

MF 285
MF 165
MF 1130 SOLD
MF 150
MF 1105 w/cab & air
White 543 corn planter, 4 row narrow
Case 1370
JD 4020

L & M BURKHOLDER
Ephrata, PA
717-859 2960
717 859 2712

STRALEY FARM SUPPLY

1760 E Canal Road
Dover, Pa. 17315
Farm - Industrial Equipment
717-292-2631 717-292-4443

Ford Tractors Equipment

TRACTORS
New Ford 1200, 4 wh dr, diesel, ag tires $5,900
New Ford 1500, 4 wh dr, diesel, plus rebate $7,137
New Ford 1900, 4 wh dr, diesel, plus rebate $9,332
2600 Ford, cab, front broom $12,995
5600 Ford, 4 wh dr, Blue Power Special $21,000
5600 Ford w/canopy, 150 hrs $12,995
3000 Ford, new paint $4,400
IHC Farmall C new paint $1,395
IHC Farmall Cub w/hyd $1,795
IHC Farmall H, gas, good tires $795
2000 Ford, PS, nice, 1228 hrs. $5,900
5000 Ford diesel, new tires, new paint $5,900
Ford 9N gas, new paint, front bumper $1,695
David Brown 4600 select-o-matic diesel $1,995
1000 Ford diesel, 102 hrs, w/915 under mount mower 50" $5995

TRACTORS & LOADERS
445 Ford w/3500 lb loader, new
8N Ford over/under trans $2,395
4000 SU Ford w/730 loader $9,500

TRACTORS, LOADERS, BACKHOE
555 Ford, demo, new backhoe $28,000
4500 Ford, diesel, good shape
JD TLB Serial # 3026-1-T-60, model 93 backhoe $6,500

EQUIPMENT
Owatonna Swather model 260, cab & air self-propelled, used 2 seasons $6,500
New Ford conditioner, model 538, 9' made by IHC $6,900
New Ford haybine model 537 $4,950
New Brady spreader model 141, 150 bu, special $2,495
NH model 975, self-propelled combine, 13' grain head $2,995
New Ford corn planter, 6 row, no-till, tires, fert attach & seed control

---

Used Tractors:
John Deere 2630, 2020, 4520, 4430 w/cab, 4320, 4230, 4030, 4020, 2510, 3020, 3010
Allis Chalmers 210, 185 like new
Farmall 1086 4 wh drive, 1466, 1066, 966, 806, 560, 460, 450, M, H
Ford 9600 cab & air, 7000, 4000, 2000, 9N
MF 175 diesel

Used Combines
JD 4400
MF 300 quick tach

Used Trucks:
1974 Chevy w/new 16' grain body & hoist, 427 engine, 5 spd. trans., 2 spd. rear

Used Plows & Disks:
Used Keewanne 21' disk,
1450 John Deere 7 Bottom
New White 418 spring reset plow
Large selection of John Deere 5, 6, & 7 Bottom
Athens 21' Hyd. Fold disk
IH 470 18' Disk
Large selection of smaller John Deere disks
New Gehl, Fox & Badger Equip
John Deere 7000 4 row planter
JD model 2500 6 btm. 18" auto reset plow
NI 2 row narrow picker
Knight big augie 16, mixer feeder wagon w/electronic scales, used 4 seasons
Used Badger self-unloading wagon, 3 beaters, roof, 14' box
JD 1209 haybine
JD 336 baler
NH 273, 275, 276, 278 balers

Special - JD no-till drill, like new

D & R EQUIPMENT INC.
Ringoes, New Jersey
(201) 782-5082

FARM EQUIPMENT

RECONDITIONED EQUIPMENT FOR SALE

JD KBA 20 and 24 Discs
JD 9 and 12' Spring Harrows
Oliver 12 and 14 Plows
New Idea 751 and 752 Crimpers
MC 1 row cultivators
Garden Shovel Harrows
JD 999 Corn Planters with or without plateless units

Plateless Units Mounted on Any Kind of Corn Planters

9' Cultipackers
1 Real Good Lely Fertilizer Spreader available

New VICON Fertilizer spreaders with or without ground drive gear

For more information write or contact General Welding Repairs

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Closed Wed & Sat

FARM EQUIPMENT

SPRING SALE
NEW TRACTORS
3288
584 R/C
384
184 w/Woods mower

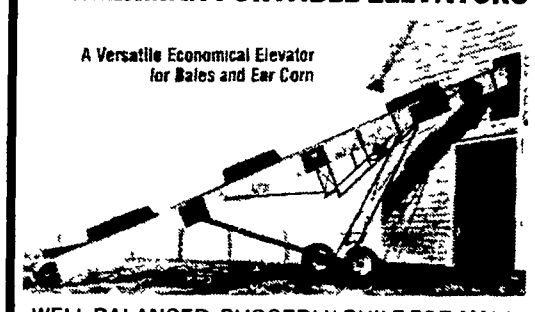
USED TRACTORS
Farmall 504 w/3pt

NEW EQUIPMENT
720 automatic 5x18 btm plow
510 5x18
420 3x16
475 11 ft 6'
350 10 ft 3'

USED EQUIPMENT
Used #56 2R corn planter
Used IH 2000 loader for 424-44 tractor
510 plow 5 bottom, 16" $1500

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

ZIMMERMAN PORTABLE ELEVATORS



WELL BALANCED, RUGGEDLY BUILT FOR MANY YEARS OF TROUBLE FREE SERVICE

28 ft.. $1175 32 ft... $1250
36 Ft. and 40 Ft Also Available

AVCO VM Diesel
ADAPTABLE TO MOST APPLICATIONS

WISCONSIN ENGINES
Sales and Service

SU 1052, 44 H P	$2950
SU 1053, 66 H P	$3750
HR 292, 26 H P	$2375
JD 1240 Plateless Planter Disk Opener	$1850
NH 273 Baler SS Nice	$2550
MC 7E Rotary Scythe	$1295
NI Wheel Rake, Good	$600
Grimm Hay Tedder, Ground Drive	$800
455 N H Mower	$825
Hesston PT-7	$1075
Holland Transplanter Planter 60 AC, Like New	$650

TRACTORS

IH 350 Fork Lift	$2700
AC D19 Diesel	$2950
Case 930 Standard	$3700
Oliver 770 Gas	$1600
IH Super M	$1250
8N Ford	$1550
JD 3010 Gas, Wide Front	$3400

HESSTON FARM EQUIPMENT

NEW HESSTON 3800 RAKE $1695

SALES & SERVICE
MILLER'S REPAIR
1 Mile North of Bird-in-Hand
8 Miles East of Lancaster
RD 1 Bird-in-Hand, PA Ph 717 656-6109

FARM EQUIPMENT

SPERRY NEW HOLLAND

USED EQUIPMENT
NH 488 Haybine
Hesston PT10 Haybine
NH 315 Baler
Loader for AC 160
JD Disc TO 215 Spring Cushion 12'10", new cond.
NH #56 Rake
N.I. #323 1R Corn Picker
Gehl 95 Grinder-Mixer
Bearcat Grinder-Mixer
NH SP 818 Fg. Harvester
Used Century sprayers

USED TRACTORS
AC D17
AC 190 Gas Tractor
Ford 9N
MF 1085
Used Lawn & Garden Tractors w/mowers

NEW LANDOLL CHISEL PLOW
7 Tooth $5100

NEW EQUIPMENT AT USED PRICES
Many Models New Holland Spreaders

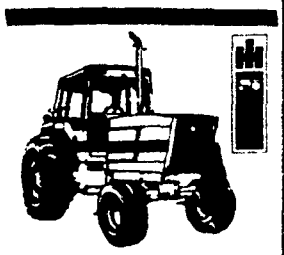
NEW EQUIPMENT
Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner Combines

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211
or
Bob Gantz Sales
717-653-5020

FARM EQUIPMENT



EQUIPMENT SALE
IH 1086 Tractor $28,800
IH 510 Drill $4,950
John Deere 7700 Combine w/16' Grain Head $13,200
IH 15 ft. Roller Harrow Heavy Duty $5,500
John Deere Drill $3,420
Badger Manure Spreader $2000
Meyers Spreader $800

LYNN EQUIPMENT COMPANY, INC.
US Hwy. 202
Three Bridges, NJ 08887
Phone (201) 782-5827

FARM EQUIPMENT

NH TR 75
Pay New Holland what we owe and it's yours!

New White 2-85 Tractor
$21,750

New White 5100 Planters

MOWER CONDITIONERS
Ford 537 7'
$2995
NH 479
$3295
JD 1209
$3295

NH 1010 Bale Wagon
$4750

SHEETS BROS.
New Holland, White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

FARM EQUIPMENT

USED TRACTORS
JD 4040 Power Shift
JD 4240 Power Shift And Cab
JD 4430, Cab, Power Shift
David Brown 1210
Ford 8600 Tractor
Farmall 140
Farmall 560 Diesel

USED EQUIPMENT
JD 336 Baler w/Thrower
Glencoe 12' Soil Saver
JD 4000 Disk Harrow, 12'
(2) JD 17x7 Grain Drills
White 4-Row Corn Planter
Allis Chalmers 4-Row Corn Planter

JOHN DEERE
SHOTZBERGER'S EQUIPMENT
Elm, Pa
Phone 717 665-2141

FARM EQUIPMENT

USED EQUIPMENT

TRACTORS.
IH 1566 D Cab & Air 30 5x32 tires new TA Real Nice
JD 4520, 20 8x38 Radials, No Cab
606 Diesel Utility 3 pt
IH 560 Gas, 400 Gas
IH 350 High Utility
IH 350 Farmall PS
IH 544 Gas w 2000 Loader
(2) Farmall M
MF 165 Diesel $3900
Oliver 1800 Gas Wide Front End, over & under $4500

TILLAGE.
IH 760 14 Offset Disc
Bush Hog 18 Folding Disc
Pittsburg 12 Disc
Dunham Lehr 13 5 Disc
IH 370, 350, 37 35 In Various Sizes
Cub 2-Way Plow
Oliver 4-Bot Semi Mtd Plow
IH 540 4-Bot 14 Semi Mtd Plow
IH 550 5-Bot 16 Semi Mtd Plow
MF 3 pt Mtd, 3 Bot Auto Reset Plow
Ford 3 pt Mtd 3 Bot 18 Auto Reset Plow

HAY & FORAGE EQUIPMENT:
(2) IH 110 Forage Wagons
#5 Flail Chopper Real Nice!
#8 Flail Chopper, Like New
JD 115 Forage Wagon
Model BN98 Badger Blower
Gehl FBB 88 Blower
Gehl FBB 99 Blower
38 JD Chopper
550 IH Chopper
33 NH Flail Chopper
990 Int Mower Cond 9 ft
1014 Hesston Mower Cond
420T Hesston S P
NH 479 Haybine
NH 276 Baler with Thrower Real Nice!
JD 894 Rake

COMBINES
915 Combine Low Hours Like New
(2) 844 Cornhead
810 15 Floating Cutting Bar
• Waiver of Finance to 9/1/82

IH 403 w 4 Row Wide Head & 12 ft Grain Platform
IH 315 2 Row Wide Head
IH 205 w/227 Head
IH 203 w/2 Row Head
IH 227 Cornhead fits 315 205 or 203
Straw Chopper for Gleaner M

PLANTERS:
Int 663 6 Row Cultivator
(2) IH 56 4-Row Planters
4 & 6 Row Cyclos Field Ready!
JD FBB 17x7 Comb Single Disc Good Shape!
(2) JD FBB 17x7 DD
IH No 10 13x7 Plain Drill
IH No 10 16x7 Single Disc, Comb Hyd Lift
IH No 10 16x7 Single Disc Comb
Oliver 24x6 Combination Drill
Oliver 13x7 Comb Drill
MF 13x7 Comb Drill

MATERIALS HANDLING
Hansen 300 Gal Sprayer 42 Ft Booms
Century 300 Gal Sprayer 28 Ft Booms
157 Hawk Bilt Spreader $995
187 Hawk Bilt Spreader L H
Int 540 w/End Gate Was ~~$1995~~ Now $1795

ERB & HENRY EQUIP., INC.
New Berlinville
PA 19545
Ph (215) 367-2169
Daily 7 to 5
Sat 7 to 3

FARM EQUIPMENT

SPECIAL OF THE WEEK
BADGER 12' MANURE PUMP
(New in Nov.)
SALE **$2100** List $3950
BADGER 3000 GALLON TANK
(New in March)
SALE **$6500** List $10,018

EQUIPMENT FOR SALE OR LEASE
BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd Lancaster, Pa
Ph 717-299-2536

FARM EQUIPMENT

WISCONSIN HEAVY DUTY ENGINES

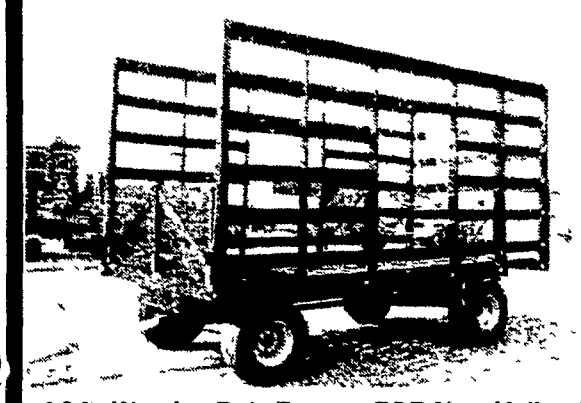
—SPECIALS OF THE MONTH—
- VG4D std. shift, elec. start..... **$1725**
- Ford 300 Gas short block..... **$750**
- Ford 256 Diesel short block..... **$1050**

Wisc. VH4D 30 hp Crank Start Power Unit
w/clutch-reduction..... **$1550**
Electric start..... **$1830**
Standard shaft..... **$1380**

B&S 10 h.p. Cast-Iron..... **$325**
Wisc. AENLD 9 h.p. w/cl.-reduction..... **$945**

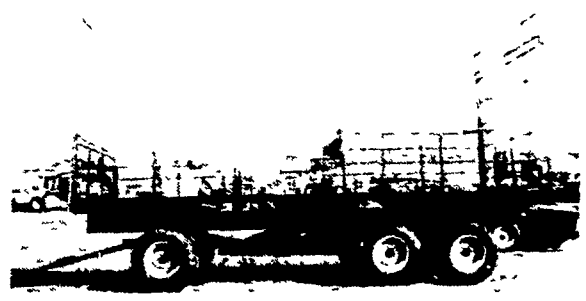
FISHER ENGINE SERVICE
3141 Old Philadelphia Pike
Bird-in-Hand, PA 17505 717-768-3729

QUALITY BALE BOXES



16 ft. Wooden Bale Box FOB New Holland
Running Gear not included
$550.00

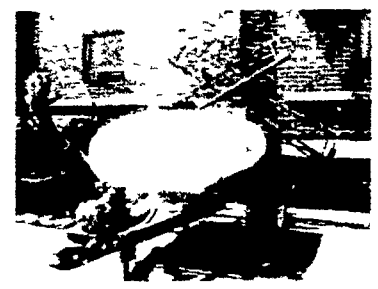
Featuring:
- All wood is kiln dried - No "Green" Wood used
- All upper wood - 1st quality Southern Yellow Pine
- All deck wood - Solid Oak
- Complete Structure dipped in wood preservative for up to 50% longer life
- No piecing of deck boards for more strength & durability



18 ft. Steel Bale Box FOB New Holland
Running Gear not included
$1100.00

Featuring:
- Square steel tubing throughout - stronger and welds better than round tubing
- Metal is stripped, primed and painted for long life
- Wood deck solid oak dipped in preservative

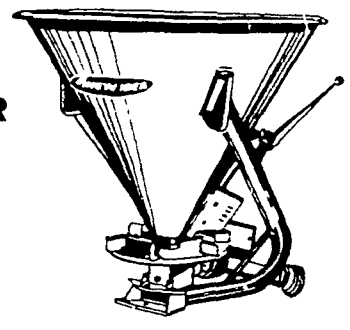
GEORGE WHITE TRAILER SPRAYER



- 310 gal. low profile tank
- Centrifugal trailer mounted pump
- 33 ft. self leveling boom
- No drip tips
- Adjustable nozzle spacing

$2600.00

SPREAD FERTILIZER OR SEED FAST WITH THIS ECONOMICAL NEW IDEA SPINNER SPREADER MODEL 107
- 8.5 Bu. Capacity
- Spreads up to 33 ft.
- Stainless Steel Spinner



$499 F.O.B. New Holland

AVCO NEW IDEA | SPERRY NEW HOLLAND | JOHN DEERE

ABC GROFF, INC.

STORE HOURS
Mon Tues Wed 7 5
Thurs Fri 7 9
Sat 7-4
Parts 717-354 4191
Sales 717-354 4731
Service 717 354 8004

Since 1890
110 S Railroad Ave
New Holland PA 17557

OPEN THURSDAY AND FRIDAY UNTIL 9 P.M.

master charge | VISA

OUR TRUCKS ARE RADIO CONTROLLED

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

Tractors

AC 440, 4 Whl. Drive, Demo , like new
AC 190
AC 180 IH 504
AC D19 IH 300
AC 7030 IH 450
AC 7040 IH 340
AC 7050 IH H
AC 7000

JD 2010 JD B
JD 4010 JD A
JD 70

Ford 4000 G
Ford 4000 D
Ferguson 65G
Ferguson 65D
Case 300 w/Loader
Case 800
Used Kubota 245 w/Loader, FWD
Used Kubota 245 FWD
Kubota 5100
Kubota 6100
Kubota 7100
Used Miller Discs 8½', 10'

GRUMELLI FARM SERVICE

Quarryville Phone 717-786-7318

DEUTZ

USED TRACTORS & EQUIPT IN STOCK

Used D8006, 86 PTO h p 2220 hrs , $5900
Used Deutz D10006 105 h p
Used Deutz D4506 1500 hrs heavy duty trans power adjt wheels
Used Deutz D4506 1500 hrs heavy duty trans power adjt wheels

NEW TRACTORS & EQUIPT IN STOCK

D6807 Deutz Tractor, 68 h p
D5207 Deutz Tractor 52 h p
D4507 Deutz Tractor, 45 h p
DX 120 Deutz Tractor, 110 h p
DX 120A Deutz tractor 4WD, 110 h p
Custom built diesel Gen Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L 912 diesel engines 20 32 H P electric start

Stauffer Diesel Inc.

312 West Main Street
New Holland, PA
PHONE 717-354-4181

GOOD USED EQUIPMENT

Farmall 544 tractor
Oliver 770 diesel tractor, tricycle front end, good cond
1 Farmall M
Farmall 504 tricycle front end, gas engine, equipped w/loader
Used IH cub cadets
5 S #550 plow
3 F Oliver rollover plow
Used Farmall Cub, w/equipment, run approx 65 hours
Used 154 LowBoy tractor w/rotary mower

IH 1440 axial flow combine w/1150 hours, excellent condition.

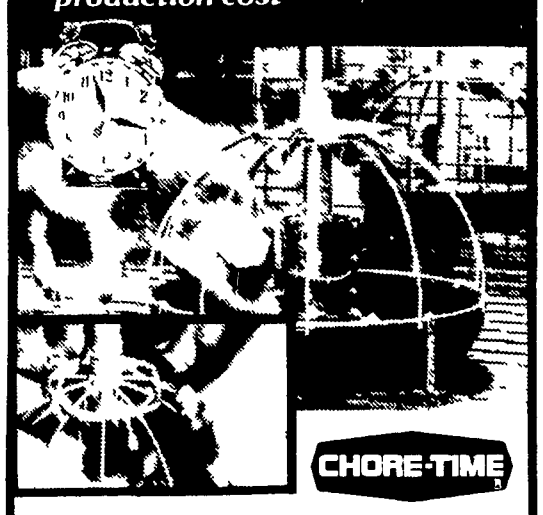
AVCO NEW IDEA

L.L. ECKROTH FARM EQUIPMENT, INC.

RD2, New Ringgold, PA
717-943-2367

MEAL-TIME

The programmed feeding system that cuts your No. 1 production cost



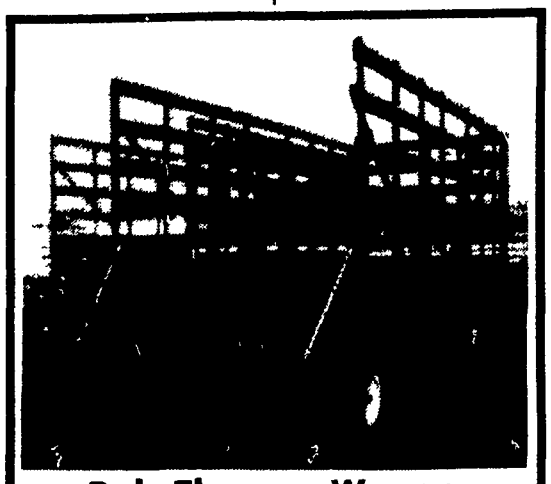
CHORE-TIME

Now there's a way you can boost profits 20% or more. Chore-Time's unique new MEAL-TIME Feeding System feeds your hogs "meals", improving feed conversion 5% or more. See us today and find out how you can profit from this brand new idea.

Complete Hog Systems

AGRI-EQUIPMENT, INC.

SALES, INSTALLATION, SERVICE
2754 Creek Hill Road
Leola, PA 17540
PHONE: 717-656-4151



Bale Thrower Wagon
$1,263 complete
8 ton gear
on stock
Sides well braced
Side Holes - End Gate - Painted
Also Round Steel Hay Racks with bottom for 18 head

BELL ROAD WAGON SHOP

RD 1 Box 280, Bell Rd.
Christiana, PA 17509
Dealers Welcome
For delivery service call
717-529-2717
or Strasburg area -
Lancaster 717-687-8217
Directions - 1 mile south of Nine Points off 896 on Bell Rd. 8 mi. N. of Oxford

See Us About IH Purchasing Programs.

NEW EQUIPMENT

Call for Prices

800 6 row plate planter
800 6 row air w/liquid fert
200 2 row cultivator
#10 flail chopper
56 blower
1190 mower-conditioner
35 rake
1300 mower

USED EQUIPMENT:

1086 tractor w/cab & air		$22,500
766 Tractor	$11,900	~~$12,400~~
Farmall M		$1650
MF 65 diesel w/industrial loader		$4750
Farmall Cub w/cult plow & blade		$4175
IH 715 combine		$15,900
IH 710 5x16 plow		$3850
IH 710 6x16 plow		$1350
IH #8 4 btm plow		$150
JD 4x16 3 pt mtd plow		$625
JD 12' Mtd Vibra Shank harrow		$1550
Miller disc, 10', as is w/new discs installed		$1995
IH 400 Cyclo 4 row planter		$4250
IH 400 Cyclo 4-row planter		$3450
IH 56 4 row planter		$2975
IH 455 4 row planter		$1750
IH 4 row cultivator, 3 pt		$1450
IH 4 row cultivator, 3 pt		$1025
Cultivator for Farmall C		$850
Pincor alternator with trailer		$135
Fox blower		$1495
IH 430 baler w/thrower		$750
IH 37 baler w/thrower		$2950
AC 303 baler w/thrower		$1695
IH 863 6x30 corn head		$1295
IH 990 9' mower-conditioner, very good		$7350
IH 990 mower-conditioner		$2775
#10 single disc drill		$2250
IH 1050 grinder mixer		$2300
Gehl 120 grinder-mixer		$1775
IH 1701 loader		$2795
Snowblower for 154 Lo-Boy		$650
3' harrow sections for garden tractors		$425
		$35 ea

INCH EQUIPMENT CO.

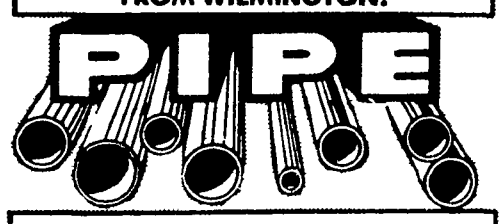
Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt 147

INTERNATIONAL AGRICULTURAL EQUIPMENT

• U P S Service Available

H. SCHWARTZ & SONS, INC.

NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!



NEW USED and RECONDITIONED PIPE
STANDARD EXTRA & DOUBLE EXTRA HEAVY ALL SCHEDULES ALL TYPES FABRICATION THREADING CUTTING – WELDING
121 SO. MARKET ST. WILMINGTON 19801
302-656-0276 or 215-DE1-4240

JOHN DEERE *Nothing runs like a Deere*

THIS WEEK'S SPECIAL

743 BOBCAT, Diesel Engine

List $16,900
SALE $13,300
SAVE $3600

USED TRACTORS
JD 3010
JD 2640
JD 2840 w/Loader
JD 50
Farmall A w/Cultv, Plow & Pulley

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 246

USED HAY & FORAGE EQUIPMENT
JD 35 Fg. Harvester w/N2 head
JD 3800 Forage Harvester w/2RN
Fox 2200 Fg. Harv. w/2 heads
NH 3RN Corn Head
JD 244 Snapper Head for Fg. Harvester
NH 1010 Auto Bale Wagon
NH 271 & 269 Balers w/Throwers
NH 68 Baler
JD 14T & 24T Balers w/Throwers
OMC 9' Mower Cond.
JD Hay Crimper
NH 1469 SP Haybine, w/Ford Water Cooled engine
NH 469 & 495 Haybines
Hesston 1010 Swing Tongue

USED TILLAGE
9 Shank Soil Saver
IH 13' Transp. Disc
Pittsburgh 12' Transport Disc.

NEW DRILLS
JD 8200 18x7

MISCELLANEOUS
15 HP 3 phase elec Grain Dryer Motor
NH 352 Grinder Mixer

NEW TRACTORS
JD 2040
JD 2440
JD 2640
JD 2940
JD 2940 SQ
JD 2940 4 Whl. Dr.
JD 4440 SG.
JD 4240 RG
JD 4040 SG, PS

NEW HAY & FORAGE EQUIPMENT
JD 506 Gyamor Mower
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvester
JD 337 Balers
NH 315 & 320 Balers
NH 1495 SP Haybine
NH 489 & 495 Haybines
JD 567 & 660 Wheel Rakes
NH 256 Rake
JD 714 Fg. Wagons

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 & 2700 4B Plows
JD 1600 Chisel Plow
JD 115 & 215 Disc Harrows
JD 215 Dura-Cushion Disc Harrow
Haybaler No-Til Drill Also for Rent Haybuster

NEW SKID STEER LOADERS
Bobcat 743
Repo. 731

NEW SPREADERS
NH 519
JD 450 Hydro Push Martin V Type & Scavenger
H&S Spreaders

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
EZ-Flo Gravity Boxes

No Finance Charge On NH - Forage & Hay Tool Till Oct. 1, 1982

Store Hours
Mon., Thru. Fri. 7:00 to 5.00
Sat. 8:00 to 3:00

CLUGSTON IMPLEMENT, Inc.

1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat NEW HOLLAND

NEW HOLLAND JOHN DEERE

USED EQUIPMENT

1-Tye Grain Drill, Donahue Trailer, Model 60, 20 Disc 8" Double Disc Openers, extra discs and weights, done approx. 300 acres $10,500
1-NH Bale Wagon, Model 1010 ..... $2,800
1-NH Bale Wagon, Model 1032 ..... $6,800
1-NH 1469 Haybine $4,200
1-Case 12' Disc $3,500
1-JD 7700 Combine, 6R head, 15' Platform. $50,000
1-JD 6600 Side Hill Combine, 6R Head, 15' Platform, ... Exc. Cond.
3-Badger Forage Wagons ..... each $2,500

M.S. YEARSLEY & SONS, INC.

110-120 E. Market Street
West Chester, Pa. 19380
215-696-2990

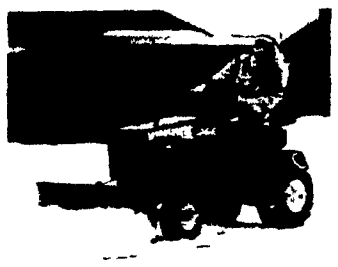
LOOK AT OUR GOOD SELECTION OF TRADE-IN USED TRACTORS

Interest Free Financing Till Oct. 1, 1982
First Monthly Payment Due Nov. 1, 1982
or
Quarterly, Semi-Annual, Annual Repayment Plans available

- 1980 Model IH 1086, CAH, 20.8x38, 900 Hrs., loaded, like new
- John Deere 5020 Diesel, rebuilt engine with duals
- David Brown 990, 50 HP Diesel
- 1980 Deutz Model 4506 Diesel, approx. 650 Hrs., like new
- Farmall 706 Tri Diesel, 3 pt. hitch
- 1970 Ford 4000 Diesel, 38" rubber
- Case 2290, canopy, standard shift, like new
- Case 4 wheel drive 4490, CAH, P shift, crab steering, loaded
- Case 2090, CAH, P. shift, approx. 1200 hrs.
- 1974 Model Case 990 Diesel, approx. 53 HP
- David Brown 1200 Diesel, approx. 65 HP, new paint
- Case David Brown 995 Diesel, 58 HP Rating
- Case 4 Wheel Drive 2870, 300 HP, CAH, crab steering
- Ford 4100 Diesel, low hrs., excellent
- Case David Brown 1410 Diesel, standard shift, 80 HP
- David Brown 1412, Hydra Shift, 4 speed automatic, 80 HP
- Case 930 Comfort King Diesel, approx. 90 HP
- M.F. Model 275 Diesel with 15.5x38 rear tires, approx. 1300 hrs., excellent
- IH Model 3616 6 cylinder Diesel, 16' loader backhoe, with cab, heater, nice
- IH 806 Diesel, wide front turbo, needs TA, 2 post canopy
- Case DC with live PTO, Eagle Hitch, belt pulley
- Case 830 Case-O-Matic, wide front, gas, Eagle hitch
- Case 1070 Cab with duals, turbo, nice, ready to go
- IH 1466, CAH, 60% rubber
- IH 666 Hydro, wide front Diesel
- Ford 8000 Diesel, standard shift
- 1978 IH 1086 Canopy tractor, needs TA, approx. 1300 hrs.

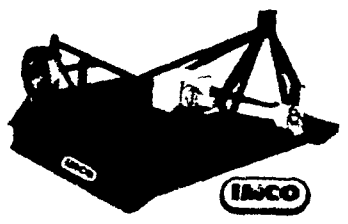
GRASS CUTTING TIME IS HERE AND WE HAVE WHAT YOU NEED!

Specials In Stock, While They Last



Case 110 Lawn & Garden Tractor With 34" Rotary Mower

Buy this 10 HP year-round snowplow and Lawn Mowing Special and Save!
1 Only. Reg. Price $1,950
SPECIAL PRICE **$1,550**



IMCO S UTILITY 5 foot Rotary Cut ter is excellent for heavy grass pas ture and lawn mowing Sta dard with 3 point hitch shielded PTO free swinging suction blades round blade carrier and 40 H P gear box Cutting height from 2' to 12 Laminated tail wheel with hub and pivot shaft Rated for tractors up to 45 H P

New Improved Model 552 - 3 ROTARY CUTTER
List Price $699
SALE PRICE **$520**

Extra Equipment Available
- 51" Blade
- Lawn Sweeper
- 32" Snow Blower
- Dump Cart
- Tire Chains

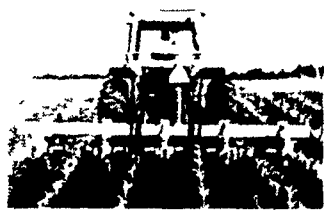
Ask For Prices

GEHL - A Cut Above The Rest

In Stock

GEHL 750 FORAGE HARVESTER
With Hydraulic In Head Knife Sharpener, 2 Row Head, 6 Ft. Hay Pickup

IN STOCK
With Waiver of Finance Till Sept. 1, 1982. Be sure you check with us before you buy any brand.



Danish Tine High Speed Row Crop 3 pt. Hitch Cultivators In Stock

Adjustable 4 row Dunham Lehr	$1,573
Farm Hand 4 row adjustable	$1,500
Kelly 5 row adjustable	$1,600

Looking For A Good, Clean, Used, Self-Propelled Forage Harvester? We Have It!

Field Queen Forage Harvester 3160 V8, Cat Diesel, Hydrostatic Drive, 7 ft. Hay Head & Corn Head. Ready For Your Field.

$16,950
Excellent Financing Terms

Owattonna Compact Diesel Power Skid Steer Loader

Model 310, 600 lb lift capacity, approx 42" wide bucket and manure fork, 23x8 50 12 flotation tires, manufactured between 1978-1980 Ideal for Horse Farm

Reg $3,950

Reduced To **$3,350** for Quick Sale

HAY MOVERS SPECIALS

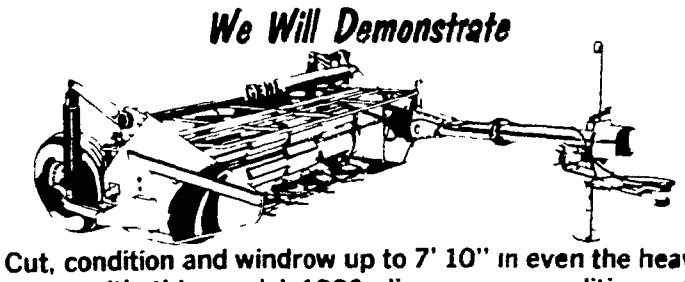
Little Giant Model 21

High Capacity Portable Elevators For All Crops

In Stock, Set Up With Shovel Hopper, Motor Mount, Will Handle Hay Bales and Corn
34 FT Length
$1,855
Plus additional 10% OFF for buying early

Are You Interested in Hi-Speed Mowing? Are You A Buyer?

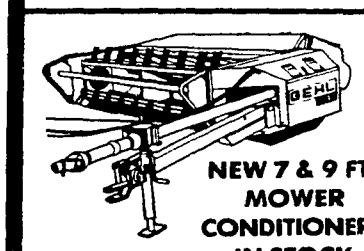
We Will Demonstrate



Cut, condition and windrow up to 7' 10" in even the heaviest crops with this model 1080 disc mower-conditioner from Gehl. Six counter-rotating, three-knife discs slice through your crop at up to 54,000 cuts per minute, leaving your fields cut short, smooth. The new 1080 features inter-meshing rolls that aggressively grab the crop, yet gently condition it to speed drying and reduce leaf loss. Stop in today to see the high speed, efficient 1080 disc mower-conditioner in action!

GEHL® FARM EQUIPMENT

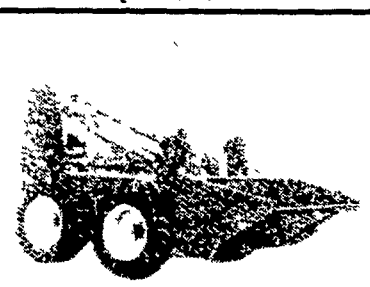
In Stock, See Us Now! No Interest Financing till Sept. 1, 1982



NEW 7 & 9 FT. MOWER CONDITIONERS IN STOCK

MODEL 1070, 7 Ft.
With Heavy Duty Knife Guards. Full float machine with inexpensive knife guards. You'll like it.
Trade **$4700** Up Now!

NEW MODEL 1090, 9 Ft.
Full Float Machine
$5,553



USED GEHL MODEL 4500 HYDROSTATIC SKID LOADER
With Ford 4 cylinder gas engine self leveling loader 10 00x16 5 tires 40 H P 65" wide bucket T bar control 1 only

Reg. Price $9,500
Reduced To **$8,500** For Quick Sale

McCURDY SHORT TURN RADIUS WAGONS
In Stock with adjustable quick hitch. Your choice of wheel width 6", 8", 10"
Price is less tires.

8 Ton	$589
10 Ton	$690
10 Ton Tandem	$998

Look At This! New Tractor Special
53 H.P. Diesel, Model 1290
One Only—Serial # 11052724

NOTICE!
Gear Shift Levers Are Beside Operator's Seat

$14,800, Plus Discount If Bought Before May 28, 1982 - Deduct $2900 =
A BARGAIN AT $11,900.00

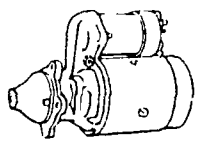
★ ★ ★ CLOSED ★ ★ ★

Memorial Day...Monday, May 31, 1982

BINKLEY & HURST BROS., INC.

133 Rothsville Station Road, Lititz, PA 17543
PH: 717-626-4705
Hours: Daily 7 A.M. to 5 P.M.; Sat. 7 A.M. to 11:30 A.M.

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT



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We will repair or rebuild your tractor diesel or truck starter, generator or alternator We can return by UPS All work guaranteed

EXPERT REPAIRS

PEQUEA BATTERIES

Ronks, PA 17572

FARM TRACTORS

IH 856 cab, 3 pt.
72 JD 4020 side console
JD 4020 w/year-round cab, exc. cond.
JD 4010 diesel
JD 2020 diesel
JD 2510
2-JD 730 diesel
JD 630
JD 50
JD 720
JD 720 gas, PS, $2200

White tractor 2-105 cab, low hours, exc. cond.
AC 190-XT
Ferguson 30
MF 202 loader tractor

814-793-4293

USED EQUIPMENT

Ford Tractor Model 6000
Ford Tractor Model 2000
Ford Tractor Model FMD
Ford Tractor Model 4000
Case Tractor Model 1210
JD Tractor Model 60
Pasquali Tractor Model 997 w/loader

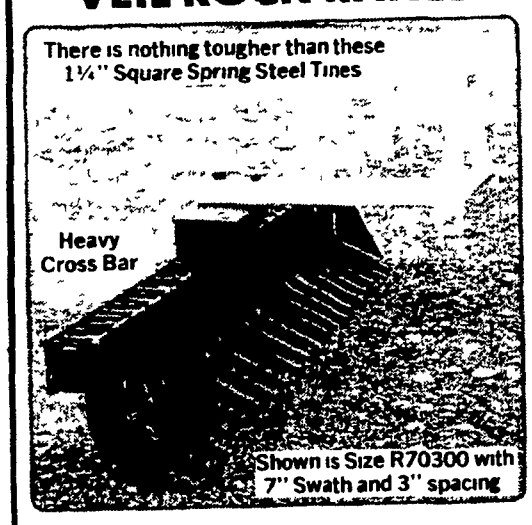
Ask for special prices on items listed above.

Ford Tractors Equipment

EDWARDS FARM EQUIPMENT

291 W Moorestown Road
Route 512 At Clearfield,
Nazareth, Pa 18064
Phone 1 (215) 759-0240

VEIL ROCK RAKES


There is nothing tougher than these 1¼" Square Spring Steel Tines
Heavy Cross Bar
Shown is Size R70300 with 7" Swath and 3" spacing

TAKE THE HARD WORK OUT OF HANDLING ROCKS

Rake the rocks on a pile with a rock rake, then take the front end loader & load the rocks.

The Low Cost System

John J. Hoover, dealer

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No Sunday Sales

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FEATURES:

UNBEATABLE ACCURACY
- Blue Metering Pump – L 1094 or L-4400
- Speed Sensitive – Set It And Forget It
- Press Wheel Drive

SINGLE UNIT CONVENIENCE AND EFFICIENCY
- Twin 200 Gallon Polyethylene Saddle Tanks
- Metering Pump
- Pump Mount
- Press Wheel
- Side Saddles
- All Mount Together In One Package – Easy On And Easy Off

VERSATILITY
- Pumps Meter Liquid And Suspension Fertilizer And Herbicide
- Use With Planters Discs Our 30 Foot Boom or Other Application Packages

FEATURES:
- 500 Gallon Tank (Stainless Steel or Polyethylene)
- 6 000 lbs Capacity 2 Wheel Cart
- Press Wheel Pump Drive (Manual or Hydraulic)
- John Blue s L-4400 or L-4900 Metering Pump
- 30 Boom 40 Boom or 40 Truss Boom
- Without Boom It Can Be Used As Nurse Unit
- 60 –80 Adjustable Tread Width
- Venturi Agitation or Sparger Agitation–Blue s Hydraulic 2 Centrifugal or PTO Centrifugal Pump
- Low Clearance Chassis –12 1/2 (Under Axle) or High Clearance Chassis –26 (Under Axle)

★ 300 GAL. w/30' BOOMS..... $3425
★ 500 GAL. w/40' BOOMS..... $6995

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CYLINDERS • JACKS
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BEARTOWN HYDRAULICS
New and Used Equipment
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Rt. 322 Midway
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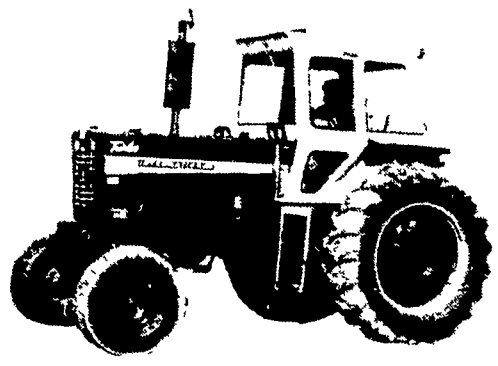
Phone 717-354-5649



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Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

GUARANTEED QUALITY USED TRACTORS

Would Sell Any Tractor w/or w/o cab IH tractors w/3 pt or fast hitch
JD 4320 w/factory cab 38" rubber fully equipped
IH 856D w/cab 18 4x38 wedge lock wheels fully equipped
IH 303 Combine later model w/3R narrow corn head & 13' grain head w/p u real
JD 4020 side console, D w/factory cab
IH 574D 75 model row crop, 1800 hrs
IH 766 D, fully equipped, real sharp
IH 1206 WF 3 pt good, cheap hp
JD 730D electric st[SOLD]fenders & weight real nice
Real Late Farmall Super A w/cultivators good cond
Farmall Super MTA
1975 Model 1066 Red cab & air diff lock fully equipped A real cream puff
Late Model 856 WF, 3 pt hitch 38" rubber
AC XT 190 Series 3 w/cab real sharp
JD 4620 p shift fully equipped
IH 806 D dual hyd & pto, WF
JD 4320 w/cab 18 [SOLD]ibber
MF 300 quick tach 13' grain head 2 row wide corn head
JD 4020 Diesel power shift, 38 rubber cab, clean
JD 720 LP gas good solid tractor
IH 1456 fully equipped w/new T A
1970 JD 3020 D Side Console 38' rubber Clean local tractor
IH 1066 w/yr round cab 38" rubber TA & clutch new last fall Local tractor $9800
Farmall M with wide front
Farmall M PS
7½' pulltype rotary cutter
IH 37 10' disc
IH 540 plow 4 bott [SOLD]
IH 37 baler good cheap baler
6 Row Dunham cultivator 3 pt hitch
AC WD 45 gas
Loader to fit JD lawn [SOLD] w/double cyl dump
IH 56 blower
Cab for 3010 to 4020 year round also 4320
IH & JD rear & front weights
Duals for JD & IH 34" and 38

Box 91 New Providence, PA. 17560
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Evenings 717-786-4899

NEW EQUIPMENT SPECIAL
AC 6080 Tractor
AC 7060, PS with Cab & Air
AC 5050
N-5 Rotary Combine with 15 Floating Header and N630 Cornhead
AC 2000 5-16 Moldboard Plow with Concave Coulters
AC A430 Cornhead, FE Combine

USED COMBINES & CORNHEADS
AC KKS Gleaner w/10' Header and 2-Row Cornhead
AC FKS-2 Gleaner w/Diesel, Hydro Drive with 13' Header
AC C Gleaner w/440 Cornhead
IH 315 Combine w/13' Header and 2-Row Cornhead
MH 82 SP Combine, 13' Header
(2) MF QT24 2-Row Header

USED TRACTORS
AC 7020 PS Tractor, Cab & Air
AC 185 Tractor, Diesel
AC 7000 w/Cab & Air
AC 5050 (220 Hours)
AC D15 Tractor

USED MISC. EQUIPMENT
PT10 Hesston Haybine
276 NH Baler w/Thrower
277 NH Baler w/Thrower
NH 479 Haybine
NI 279 Cut/ditioner
NH 268 Baler w/Thrower
IH 51 Forage Wagon
NH #90 Round Bale Handler
NH 469 Haybine
JD 10' KBA Disc Harrow
Ford 10' Disc Harrow
IH Mounted Field Cultivator
IH 710 5-Bot 18" Auto Reset Plow
JD 38 Forage Harvester w/Pickup & 2-Row Head
NH Super 717 w/2 Row Head
JD FB77 Grain Drill
NI 324 & 327 (2 Row Pull Picker)
7 Tooth Soil Saver w/Coil Tines
300 Gal Sprayer with Roller pump
Vicon Wheel Rake (5 wheels)
14' Brillion Transport Harrow

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Dealer for ITCO Corp
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At Discount Prices

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SHARTLESVILLE FARM SERVICE

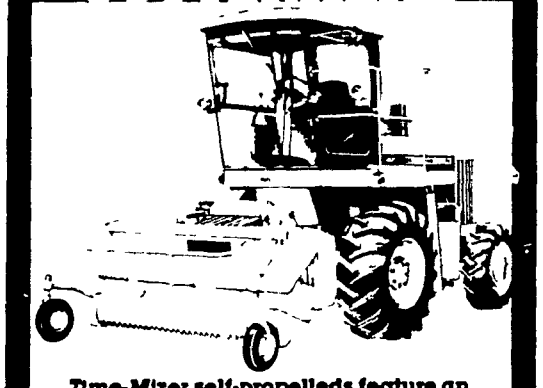
RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

Harvest Time SPECIAL VALUES

on these harvesting machines

SPECIALS ON SALE NOW

SHORT-KNIFE CUTTERHEAD



Time-Mizer self-propelleds feature an exclusive 40-knife cutterhead

Get the latest in self propelled forage harvester technology with a 210-hp 5720 or 275 hp 5820 Timer Mizer self-propelled

Their time saving design starts with the Dura-Drum™ cutterhead 40 segmented knives on a 24 inch-diameter drum These knives tend to slide back and avoid damage if they hit an obstruction

The quick-adjustment stationary knife and built-in knife sharpener let you do needed adjustments in minutes. Let us show you all the advantages of Time-Mizer self propelleds real soon

Our baler line builds solid, stackable bales

To build solid square cornered bales consistently you need consistent control of the hay And John Deere's 327 337 and 347 Balers give that control from the moment hay touches the pickup

We added two extra rows of teeth to help you take in all the hay in today's wider windrows The 337 and 347 have 156 teeth The 327 has 88 There's even a compressor that floats right with the pickup to give you consistent compression as you go over bumps and dips

Next our floating tapered auger and adjustable feeder forks take over to keep material flowing evenly Consistent control continues right up to the time our new knotter puts the finishing touch on the solid bales

Stop by today and start making solid stackable bales with John Deere's solid 14 x 18 balers

* Call for more information on these machines

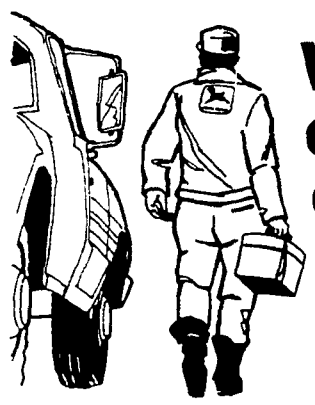
The management of Oxford Greenline would like to announce for the convenience of our customers the stocking of mower knives, mower conditioner knives, bushings, knife sections and rake teeth for all Sperry-New Holland Equipment. Call 215-932-2753 for our special low prices.

— Special of the Week —

9' Cutterbar Knife for 489 Haybine $94.50

OXFORD GREENLINE INC

YOUR JOHN DEERE HAY TOOL SPECIALIST



We deliver good service

That's our goal - to provide prompt professional equipment care when and where you need it We can make repairs at your place or at ours depending on the situation Count on us

For emergency parts service count on FLASH+™

Farming isn't a 9 to 5 business That's why John Deere developed the FLASH-PLUS after hours parts system to get emergency parts to you quickly wherever you need them You can depend on FLASH PLUS and us to keep your equipment in the field

HOURS:
7:30 AM - 5:00 PM thru Fri.
7:30 AM - 12:00 PM Sat.

RD 1, Oxford, PA

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PACE

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

Complete
TRACTOR
&
ENGINE
REBUILDING
Dynamometer
Testing
FOR SALE
A C and Wisc 2 and 4 cyl power units with or without clutch reduction

SPRING GARDEN REPAIR SHOP
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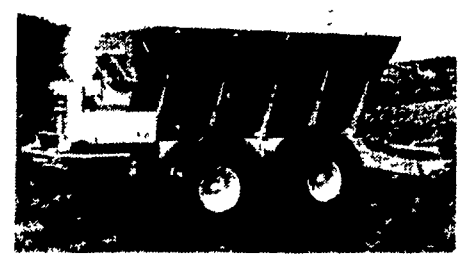
Joe S. Stoltzfus

INTERNATIONAL 504 DIESEL UTILITY TRACTOR
with hydraulic loader and bucket.
Good condition
Nathan Hawbaker 717-264-8656



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Will spread fertilizer, poultry wastes, etc.

Leaders in accurate spreading for 1/4 of a century.

- Truck mounted or tractor drawn.
- Manufacturers of boom type for dry materials.
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- We stock spreaders and parts.

C.U. STOLTZFUS MFG. INC.
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Ph: 215-286-5146

FOR SALE

USED TRACTORS
AC 7000 w/cab, 300 hours, 200 w/cab, 190XT Series III, 185 w/cab, 185, 180 Diesel reconditioned, 175 Diesel, 285 hours, 170 gas, 5050 diesel, 5040 diesel, D 17 Series IV 3 pt. diesel, D 17's, D 15, D 14
FORD 5000, 7000, 4000, 850, 641, 8N.
MF 165 gas & diesel, 135 diesel, 35
KUBOTA - 6100, 245 4 wd
CASE 430
JD 3020 diesel w/cab, 3010 diesel w/cab, 2640 w/loader, 40 Hi-Clear w/cultivator
IHC 100 hydro. w/cab, 826, Super M, 240, Super AV w/cultivator, Cub w/rotary mower

MOWER CONDITIONERS
NH 479, 489
Hesston PT 7, 10
NI 7 & 9' Cutditioners

CORN PLANTERS
AC 2 & 4 row conventional & No Till, JD 1240 4 row plateless, AC 2 row 3 pt.
MF 2 row 3 pt.

CHOPPERS
NH 770, Hesston 7020

BALERS
Hesston 5400 & 5800 round
Hesston 4500 w/thrower
NH 275 w/thrower
JD 336 w/thrower

FORKLIFTS
D 15 & I 600

PLOWS
AC 4 & 5 bottom semi-mount reset, 5 & 6 bottom semi-mount spring trip 2, 3 & 4 bottom 3 pt & snap coupler mounted
IHC 450 - 3 pt reset bottom
FORD 4-18" semi mount reset 2, 3 & 4 bottom 3 pt.
JD 4 bottom 3 pt. semi-mount reset
MF 880, 5 btm. 18" re-set or hand hitch

DISC HARROWS
10 Used transport discs, 8½ to 16', AC 9 tooth & Brillion 7 tooth Chisel plows 3 pt., 8' Brillion cultipacker seeder, like new

SIDE RAKES
NH 256, 56, 55
NI 401
IHC 14

USED INDUSTRIAL
AC 715 Tractor Loader Backhoe, 655 crawler loader, H 3 crawler loader, H 3 crawler loader
Clay 800 gal liq spreader
Used Brillion & IHC transport spring tooth harrow
Used Ontario Grain drill
Large selection implements for small farm tractors
In Stock - New Brillion cultipacker, seeders, transport, springtooth harrows & cart harrows
4 row 3 pt. hitch cultivator w/side dressing
New AC 4 & 6 row 3 pt rolling cultivator at bargain prices

In Stock
Meyers Heavy Duty
Commercial Sprayers
Ideal for Gypsy
Moth Spraying

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MARSHALL MACHINERY, INC.
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Honesdale, Pa. 18431
5 miles east of Honesdale on Rt. 652
Ph: 717-729-7117
Open 6 Days A Week 8-5
Sales & Service AC, NI, Hesston, Kubota

1 - M & W Model 255A Continuous Flow Grain Dryer.
1 - 60'x6" Grain Elevator
1 - 19,000 bushel Grain Bin - 36 feet across 7 rings high with drying fan and clean out sweeping auger

These items will be sold May 28, 1982, property of Ralph W. Horst,

Marion, Pa. 17235
(717) 375-2824

NH 273 Baler	$1750
NH 278 Baler	$3750
NH 269 Baler w/thrower	$1650
NH 269 Baler w/thrower	$1150
NH 479 Haybine	$2775
MF-NI Mower Conditioner	$1195
Starline 810 Flail Spreader	$775
(2) NH 518 Spreader w/hyd endgate	$1600 to $1750
JD 44 Spreader	450
IHC 550 Fg Harvester w/pickup & 2R Adj Heads	$895
NH 717 Forage Harvester	
NH 880 N3, R2 Cornheads	
NH 269 Baler	$1150
JD "60" PTO Blower	$475

Call for prices on other equipment

SPECIAL PRICES ON NEW
NH 892 Harvester and Heads
NH L35, L325 Skid Loaders
NH 310 Baler
NH Mowers, & Rakes
NH 489 Haybine
NH 14, 230, 234 Wagons
NH 513, 800 Flat Bed Spreaders
3200 gal Spreader with injector
Pequea Tedders
Skid Loader Rental

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PARTS and SERVICE
ROY A. BRUBAKER
SALES ★ SERVICE
Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

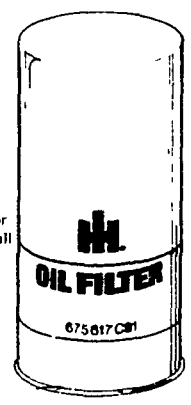
IH SUPER SAVING TIME

PARTS VALUE OF THE MONTH

Farm'n Ranch sale

IH OIL FILTERS

Change oil filters regularly for engine protection and performance We have a full stock for all models



Also Use IH MOTOR OIL

Come clean with IH hand cleaner

IH Antiseptic Hand Cleaner removes grease cement paint ink New IH Heavy Duty Hand Cleaner has grit scrubbing action

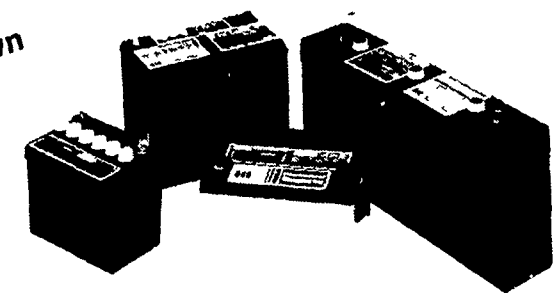
Antiseptic Hand Cleaner

High Voltage Sale

Get Ready With an IH Battery! up to 38% Off During May!

Come On Down

Get A Deal From "Hen"



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New Berlinville, PA 1 Mile N of Boyertown
Phone (215) 367-2169

Daily 7 to 5; Sat. 7 to 3

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TRIPLE H EQUIPMENT
Peach Bottom, Pa.
717-548-2640 or 717-548-2094

Vicon

NEW VERMEER
SUPER SERIES BALERS
Call For Spring Terms
2-504F baler
1-605F Baler
1-MC 9 mower-cond., $6470
1-F100 bale feeders, $2495
3-504G balers
2-SR 1200 Irrigation Travelers — $19,000 ea.

NEW VICON EQUIPMENT
Spreaders from 400 to 2400 lbs. in stock
Cash Discount on '81 Prices
2-PTO tedder - rake
2-5 wheel 3 pt. hitch rake
1-8 wheel V-rakes
1-6 Wheel Rake
1-8' 3 pt. hitch disc mower
1-RP 1200 Round Baler
2-8' Mower Conditioner

NEW HAYBUSTER EQUIP
1-Tye 3 pt. no till drill
1-Bale Buster for mulching lg. round bales

MISC. NEW EQUIP.
2-Kelly log splitters engine drive
1-1450 lb. fert. spreader, $780

LAHMAN SKID STEER LOADERS
1-23 hp, 2 buckets, $6200

USED & DEMO EQUIP.
1-Vicon 15' power harrow, demo - $6000
1-Vicon 8' mower conditioner, used - $5000 ea.
1-504C Vermeer Round Baler - $3800
1-Oliver 7B Plow - $1300
2-IH Rakes

(Combines, Tractors and Equipment on our Lot

(Combines) Used JD 8820 fully eq. w/4 whl drive and dual wheels used 1½ seasons like new w/flex grain, New JD 4420 fully equipt. w/213 grain & 443 C.H 1977 JD 4400D fully equipped like new. INT 1440 axiel flow w/4 wheel drive, used 480 hrs., White 8900 used 400 hrs. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner K C.A w/grain, real nice, JD 6600 Side Hill turbo, hydro, floating cutter bar, real nice, 1979 MF 550D, excel. w/grain and corn heads 1975 MF 510 hydra. w/grain and corn. 1973 Int 915 gas w/grain head. MF 510D Hydrostatic w/mud hog rear wheel drive w/Quick tach grain and 44 Lo Profile corn head. 1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head, JD 6600 D w/air & 13 Ft grain. JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain and 844 C.H, Int. 810-15 ft. floating cutter bar.

1977 Int. 915 w/rear wheel drive, grain and 863 C.H.; Late model Int. 303 w/cab, N.H. 985 w/cab and grain and 4 row 38" C.H. MF 550 D w/13 ft. grain, 1972 Gleaner F w/grain & corn.

N.I. 702 D w/husking bed and 3 row C.H., NI 702 w/729 A sheller.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard, Ford 4000D w/1400 hrs. excl., M.F. 165 Tri D N.H 1010 Bale Stack Wagon, Corn Heads Gleaner FL430, A430 for F or F2, MF 421.

New John Deeres 4040 w/Power Shift and R.G. for $23,950, New JD 4240 cab & air Q R. for $30,000, Farmall 560D Farmall 1256 w/cab & air, (7) real nice balers, Int. 445 baler w/thrower like new NH 320 w/thrower, used 1 season. NH 273 w/thrower, real nice, NH 268 w/thrower JD 346 wire w/thrower; JD 24T w/#30 kicker, J.D. 336 Baler real nice, New Gehl 1600 round baler, Hawk Built round baler.

Corn Heads JD 643, 444, 4430 435N, 313 for 45C, 334, 235, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner L438, F430, F438, A430, K238, F335, F330, K330, Int. 863, 864, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 744 for 715, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444, $7350 Just Rec. - New JD 643, used White 704N, 706N C H. used JD 444 for $3500

Tractors just dealt for on our lot. New Int 5088 fully eq. new Farmall 1586 w/radial tires and triple outlet. for $29,500, Farmall 1066 w/cab & air, very nice, Farmall 706 gas, 806 diesel w/cab original-Nice. 1206 real nice, 706D W F. and 3 pt. 766D w/38" tires and 3 pt , new JD 4440 C A. Quad w/radial tires, used JD 4230 w/R G. and creeper gear, 2640, 2630, 1966-4020, 1966-3020, 3020D WF and Diff lock. We have 6 JD 4020 side console diesels. MF 175D w/Loader, MF 3165 w/Loader, JD 2440 w/R G. 2840 for $12,000, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged

TRACTORS 1977 JD 4230 cab, air, quad, real nice JD 5020 original w/dual wheels; 1970 JD 4020 w/cab, 4020 WF power shift w/new tires, JD 3020 D, WF, JD 300 loader and backhoe, JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; JD 4320. Farmall used 986 cab and air, 1566 cab and air w/new T.A., for $18,000. Farmall 544 gas W.F Farmall 706D WF & 3 pt ; NI 324 picker w/super sheller used 80 acres.

CORN PICKERS - (new) N.I. 324 w/12 roll bed; NEW New Idea 325 w/12 roll bed, Used (4) N.I. 324 w/12 roll bed, (1) NI 325 N w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder NI 323 one row, Int. 234 w/12 roll bed JD 3800 2 row chopper

J.D 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, J.D. 4010 gas. JD 4020 gas $4900. JD 4430 w/-sound guard, cab and Q.R for $15,500.00, JD 4320 w/cab, 1970 JD 4020 Power Shift & Dual Hyd.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 706 Gas, 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, 560, Farmall Hi Crop 656 diesel, 756, Cub Loboy w/mower, Cub Cadets 1650, 1450, 1200, JD 212, 210, 200, 112.

HARVESTERS. New Int. 720 w/2 row, JD 38 w/2 row pickup N.H. 770 w/2 row, Used Int. 720 - 2 row, J D 38 Chopper w/2 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Fox 2 row snapper head. Grove Forage Wagon w/roof, NH 770 1 row snapper C.H. NH Super 717, Gehl 600 w/2" 30" & pickup head.

ALLIS CHALMERS 185 w/R.G. w/600 hrs., 7080 w/cab & duals $18,800, 7040 w/cab, power shift like new, low hrs., 210 w/new 20 8x38 tires, AC H3 Crawler w/blade and winch, New A.C 185 D w/R.G. for $13,500

JOHN DEERE New JD 4440 cab, air, power shift, $35,900. New JD 4640 C A. P Shift, new JD 2940, New JD 4240 QR (SOLD) & 4 Post, New JD 4440 cab, air Quad, used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C A. QR. sharp. 4030, 5020 tractor puller, 4010D w/WF, 730D w/fenders and 3 pt JD 2020 w/loader, JD 3020 P.S Gas JD 4030 w/R G and Quad JD 60 w/P S and JD 60 w/2 row cult , JD 630 w/3 pt , JD A

FARMALLS. 1586 w/cab, w/800 hrs , fully equip. w/dual wheels and dual PTO real nice, used 1086 w/cab, air, 1 owner-looks like new, used 1086 w/Rops, 966 black stripe w/roll guard, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 1206 w/fenders, 806 w/3 pt & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w f and 3 pt., 826 hydro D nice 756 WF 3 pt. original, 656 Hydro D. WF 3 pt. original, M, 400 w/P.S & F.H., Super M, Int. 574, Super H, MTA.

New White 2-105 w/cab $22,850 Oliver 1755 w/cab and air 2255 w/V-8 cat and new over and under shift, 1650 gas W F .

MASSEY FERGUSON - Used 2775 w/duals like new, used 1080 w/duals, 1130, Super 90D for $3400.00. Ferg. 30.

(Case) New 2090 Cab & Air, power shift $23,950, 1975 Case 970 w/4 post, P.S., 1070 P.S. original for $7450 Case 1410D

Case 1370 - P.S., Oliver 1850 D. w/over & under shift 1950T w/cab, 2050, 1855 w/20:8 tires, 1850 w/cab, Ford 8600 w/Dual Power used 1800 hrs , Ford 6600 w/cab, like new, 6000 Commander, D Ford 5000 D w/Loader, MM S670 diesel

Tractors and Equip. just dealt, 1970 JD 4020 side console w/dual hydraulic (local owner) JD 2510 gas w/48 loader, JD 4520 w/cab, Int. 674D w/loader like (SOLD) new. Oliver 1650 D w/over and under shaft; Case 500 standard diesel original, Long 350D w/mtd. broom, Int 460 utility w/loader, 1972 JD 3020 side console (SOLD) diesel, 1972 JD 4020 w/factory cab original, JD 700 gr. mixer, Woods 4 row stalk shredder.

COMBINES - JD 7700 Diesel w/Fire Damaged cab. N.I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads, JD 216 flex heads

IND. EQUIPMENT - Int. 510 4 whl drive payloader used 500 hrs. like new. Cat 955 crawler loader for $5500.00, Case 850 D dozer w/hydrl. blade, Skid Loaders - Bobcat Hydro 720, 700. Ford CL40 Skid Loader.

CORN PLANTERS - Used Int. 800 Early Riser 8 row 30" w/dry fert., inst. no-til, population monitor, fully eq., like new, used JD 7100-12 row no til hydraulic fold soybean special used less than 300 acres, New 7000 JD 4 row w/Inst., fert & monitor $6950, used JD 7000 six row w/fert fill, plateless, inst w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for 6850, Bearcat 950 Grinder Mixer used twice, like new. Int 1250 Gr Mixer w/elect scales-nice, N I. 325 picker w/sheller.

New Case 22 ft hyd fold field cult Used Case 13 ft Disc w/new blades and dual wheels New Haybines, Gehl 1090 9 ft. for $4800, New N I 299 for $4250 (used haybines) NI 279 9', NI 272, 7' cut/ditioner, MC 7' rotary scythe, NH 479, 469, 477 7 ft. Int 990 7 ft JD 1209, 1207, New Gehl 1600 round baler list price $10,500.00 Our Price $7950 NH 256 & 56 rakes, used Oliver 5 bar rakes

New Caldwell 8 ft heavy 3 pt. blades Cabs for JD and Int Tractors Used Int rollguards. New Int #4500-16½ ft. field cult, used Glenco SS9 soil saver

Glenco 12 ft 9" Soil Finisher like new

Planters Used JD 1240 plateless w/Inst and XX Disk openers, Used JD 7000 -4 row wide and insect Oliver Planter 6 row w/no til fert. fill, inst and monitor, Int #564 row planter, (Grain Dills), used JD 8350 23x7 w/XX disk, Used M.F 43 drill, real clean, NH pick-up heads for 770, 717, (2 offset Disks) Wilbeck 12' offset like new, JD 1630 11 ft. plowing disk, JD Disks #210 Int. #480-22 ft. Wing Disk, N.I. 214 spreaders good, Badger 1500 gal. liquid tank spreader.

PLOWS - Int. 6X spring reset, Ford 5x18 spring reset. Ford 3x18 sp reset, JD 2500 6x sp. reset, JD 5x hyd. reset, Int #140 - 4x18 rollover plow, new Brillion 25 ft. hydraulic fold cultimulchers at good discounts, New Brillion 21' hyd fold packer, Used Brillion 15 ft cultimulchers, new Int #80 snow blower, New Johnson loader

Used JD 400 15 ft rotary hoes, New White. 14 ft. field cult , Kawanee 22 ft. Wing Disk, NH 26 blower, used long 1199A 3 pt backhoe, like new

Loaders - used JD 58 MF loader for 1105 Int 2000 Loader, Int Fast hitch 3 pt. adapters, 3 pt hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30 5 x 32 tires.

(Combines for Parts) JD 7700D, Int. 715D, MF 510.

TRUCKS - 1979 Chev C65 24 ft. rollback w/51,000 miles, like new, KW truck tractor fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new (New) NH Direct cut head for 770 (New) Kill Bros. gravity bins. New Kill Bros. 8 & 10 ton running gears. Pick up heads for Int 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38 JD 3 row narrow silage head. (10) sets of dual wheels all sizes.

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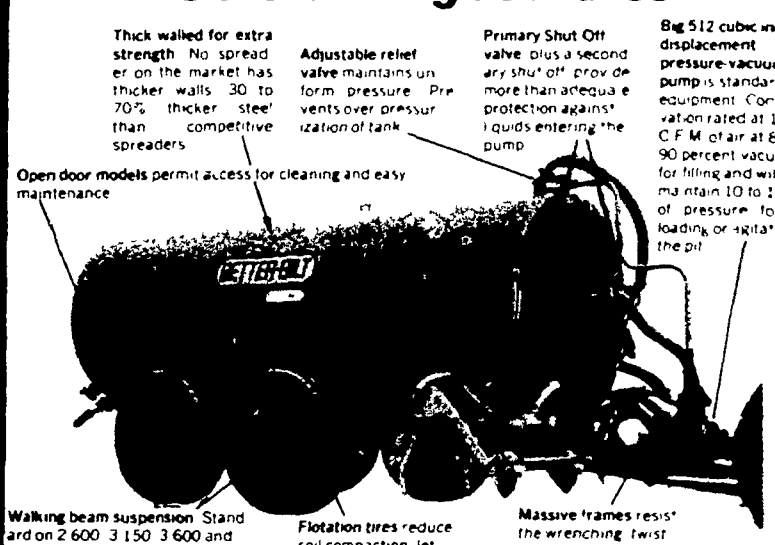
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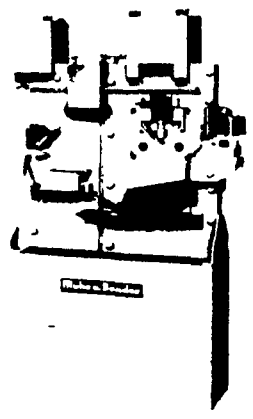

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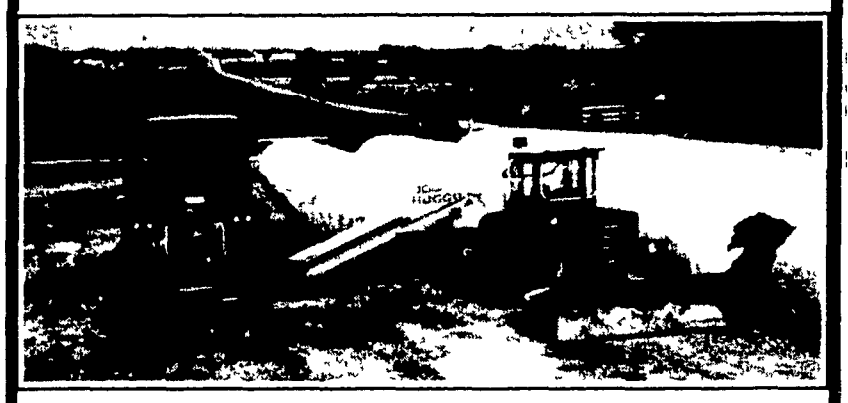

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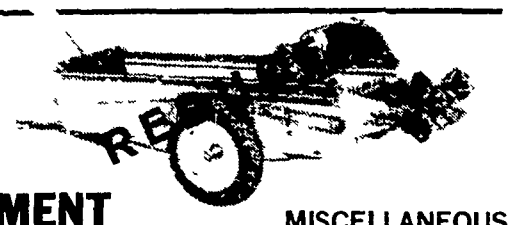

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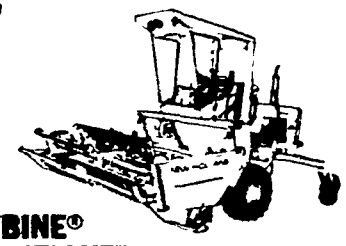

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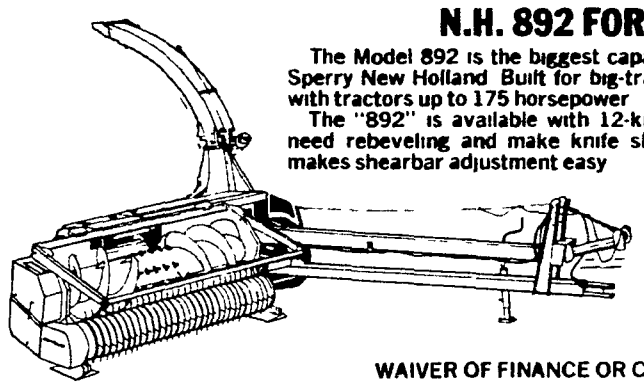
IH 430 Baler & Thrower	NH 479 Haybine

N.H. 892 FORAGE HARVESTER



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- IH 7 ft Sickle Bar Mower Good Condition
- MF #3 Baler
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- Ensilage Cutter Blizzard Like New
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- Brillion 10 Ft Transport Harrow
- IH Little Genius 2 Bottom Plow
- IH 10 Ft. 9A Disc Harrow

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  - Conveyors Auger & Single Chain
- **T.M.R. Van Dale Mixer-Feeders - 4 Auger**
  - Truck Mounts
  - Trailer Mounts
  - Stationary Units
  - 40 Cows to 400 Cows
- **Liquid Manure Spreaders**
  - 1500 Gal to 4500 Gal
  - Soil Injectors
- **Liquid Manure Pumps**
  - Agitator-Filler
  - Centrifugal
  - Lagoon
- **Uebler Electric Forage & Grain Carts**
- **Uebler 810 Gas Cart**
- **Uebler TMR Forage Carts**
- **Red Top Stainless Steel Trough Cattle Waterers**
- **Lancaster Stave Silos - Stave or Metal Chutes**
- **Sollenberger Poured Concrete Silos Top or Bottom Unloading**
- **Double Chain Wood Conveyors w/Slip Clutch & ¾" Bottom**
- **Taper Board Feeders & Belt Feeders**
- **Circle Feed Supplement Bins**
- **Hedlund-Vaughan Chopper Pumps**
- **Leasing Available**

Sales & Service

K & S INC.
RD 1 Quarryville PA 17566
PH 717-284 3111

INTERNATIONAL® AGRICULTURAL EQUIPMENT

NEW EQUIPMENT SPECIALS

IH 550 Spreader 249 Cu $4845	$4100	IH 2250 Loader w/Bucket $3621	$2975
IH 540 Spreader 210 Cu $4233	$3650		

NEW TILLAGE EQUIPMENT SPECIALS

REBATES UP TO $900 ON PLOWS AND DISCS THIS MONTH

IH 510 4 18 Plow	$4250	IH 490 20'6 Hyd Fold w/Cyl	$9500
IH 510 5 18 Plow	$4650	IH 415 Packer Mulcher 12 2 19' Packers w/Cyl	$4950
IH 720 5 18 Toggle SOLD	$6200		
IH 720 6-18 Toggle on Land	$8250		

USED TRACTORS

IH 886D w/cab nice	Coming In	IH F 300 Gas w/2 pt	$1750
IH 186 D w/cab hydro nice	Coming In	IH F460G, (nice)	$3250
IH 966, D w/WF & 2 pt	$12,500	IH 856 w/WF & 3 pt	$8950
IH F M	$1350		

USED CORN HARVESTING & COMBINE EQUIPMENT

IH Sheller for 234 Picker	$950	Fox 1 Row Corn Head for a 546	$150

USED HAY EQUIPMENT

IH 990 9' mower conditioner	$2350	IH 430 Baler w/thrower	$2650
IH 37 Baler w/thrower	$1800	Gehl 72 6' Flail Chopper	$800
IH 15 Rake	$375	Grove Forage Box w/roof	$850
IH 27 Baler w/thrower	$1500		

USED TILLAGE

IH 53 4R 2 pt cultivator, nice	$1450	IH 37 10' Disc	$1075
IH 720 6f 18" like new w/cylinder, toggle trip	$6500	IH 540 4F 16" w/cyl plow	$1350
		IH 710 5F 16" plow w/cyl	$2250

USED SPREADER AND MISC.

JD 79 Tub Spreader	$850	NI Model 2M Spreader (Nice)	$1350

USED PLANTERS AND DRILLS

		Ontario 14x8 drill (nice)	$850
IH 56 4 row w/insect.	$1950	IH 400 6 R 30" Planter,	
IH 400 4 row 38"	$2500	w/insect	$4500
JD 494 A w/new hoppers	$1350	IH 455 4R w/cyl & insect	$1500

MIFFLINBURG FARM SUPPLY, INC.
East Chestnut St., Mifflinburg, PA 17844
Phone. (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

USED TRACTOR SPECIALS

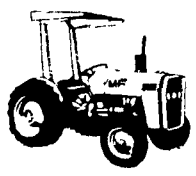
IHC B Gas w/2B Plow	$975
JD 950 27 h p Dsl w/loader, 650 hrs	$6950
JD 1020 G w/loader 975 hrs	$5500
IH 656 Farmall Gas	$5750
AC 190XT Dsl	$7500
JD 2840 w/cab, air, 900 hrs	$16,500
JD 4320 w/roll guard, canopy	$12,500
JD 4620 w/cab	$17,500
JD 6030 w/cab, air	$17,500
JD 4430 cab, air, QR	$19,750

USED EQUIPMENT

- JD 6600 Combine, rotary screen & hydro
- JD 7700 combine
- JD 7700 Hydro combine, rotary screen, auto hdr
- JD 443 CH
- (2) JD 444 Corn Heads
- (2) JD 643 CH
- JD 16' Platform
- JD 15' Quick Tach Platform
- JD 494A Planter w/fert
- IHC 500 Cyclo 6R Planter
- JD 7000 6R narrow w/dry fert
- JD 1240 Plateless
- IH 56 6RN Planter w/fert
- JD 12 row tool bar, maxi-merge, no-till coulters
- JD 230 21' Disc
- JD 310 13' Disc
- JD KBA 10' Disc
- Sunflower 24' Wing Disc
- JD B\SOLD 10" Disc
- WhiteSOLD sc
- MM 10' Wheel Carry Disc
- AC 3300 14 Disc
- JD F145 5x16 plow
- IH 4x14 Pull Plow
- JD F1450 6B plow w/mid west rakes
- JD 24T Baler
- JD 25 Forage Harvester 3 pt
- Davis 20+4 Hydro Trencher
- JD 5' Pull Type
- JD 307 6' Rotary Mower
- JD 606 3 pt Rotary Mower
- Woods 7½' Pull Type Mower
- RG4 Cultivator
- Lilliston 6R Rolling CuSOLD
- JD 15x7 Grain Drill
- JD 37 Loader
- Gehl 72 Flail Chopper
- NH 469 Mower Cond
- JD 12' Packer
- Dunham 10' Packer

We also have for rent a Tye 160" no-till drill for no-till soybeans as well as no-till small grains

CFH
CFH, INC
Box 6 Cecilton, Md
301 648-5416
755-6608
275-2195
Evenings Call Gary 301 885-2248



Massey Ferguson

TRACTORS & EQUIPMENT

- IHC Super C Farmall Tractor
- IHC 340 Farmall Tractor
- JD 950 Tractor
- AC D17 Dsl Tractor
- Ford 8N Tractor w/Loader
- MF 1085 Tractor
- MF 50A Tractor, Loader, Backhoe
- MF 3165 Tractor w/Loader & Cab
- MF 50 Tractor w/Loader
- MF 40 Dsl Tractor and Loader
- Loader for 65 or 165 Tractor
- Gehl 120 Grinder Mixer
- NH 467 Haybine
- NH 478 Haybine
- NH 892 Fg Harvester
- Fox 1000 Forage Harvester
- (3) NH 36 Crop Chopper
- NH 270 Baler w/thrower
- NH 269 Baler w/thrower
- NH 1010 Bale Wagon
- NH 510 Manure Spreader
- NI 213 Manure Spreader
- AC 516 Plow
- IHC 990 Mower Cond
- NH 451 Mower

NEW M.F. EQUIPMENT

- MF 230 Tractor
- MF 275 Tractor
- MF 285 Tractor
- MF 245 Tractor
- MF 265 Tractor
- MF 205 Diesel Tractor
- MF 50C w/Loader
- MF 50C w/Loader
- MF 40B w/Cab
- MF 40B w/Cab
- MF 30B w/Cab
- MF 124 Baler
- MF 34A Loader
- MF 34A Loader
- MF 32 A Loader
- (2) MF 216 Loader
- MF 300A Loader
- MF 640 Corn Planter
- MF #43 2B Plow
- MF 820 Disc Harrow
- (2) MF 320 Disc Harrows
- MF 226 Scraper Blade
- MF 227 Scraper Blade
- MF 218 Rotary Cutter
- MF 124 Baler w/Thrower
- MF 218 3 pt Rotary Cutter

S.G. LEWIS & SON, INC.

R.D. 2 Box 66 West Grove, PA
215-869-2214

WE — WOODS Division of Hesston Corporation — SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS
Oliver 1655

SPREADERS
NI 212 Spreader
NH 510 Spreader
NH 367 Tank Spreader, LH
NH 791 Spreader

FORAGE TOOLS
NH Super 717 w/1-Row
NH 717 Harvester w/1-Row
NH 880 R2-2-Row Head
IHC 16 w/1-Row & Pickup
IHC 550 w/2 Row & Pickup

HAYTOOLS
NH 268 Baler w/Thrower
NH 68 Baler
Oliver 620 Baler w/Thrower
JD 483 Mower Cond
NH 460 Haybine
NH 469 Haybine
Gehl 880 Haybine
MF 81 Mower Conditioner

TILLAGE PLANTING
White 5400 Planter
JD 1240 4-Row w/Monitor
Brillion 14' Transport Harrow

NEW EQUIPMENT IN STOCK

- WHITE 2 30 2-Wheel Drive
- WHITE 2 45, 2 & 4 Wheel Drive
- WHITE 2 62, 2 & 4 Wheel Drive
- WHITE 2 70 Tractor
- WHITE 2 85 Tractor
- WHITE 2 105 Tractor
- WHITE 2-135 Tractor
- WHITE 543, 4 & 6R Planter, No Till
- WHITE 5100, 4 & 6R Planter No Till
- WHITE 254 10' 4 Disc
- WHITE 348 SAR Plow
- WHITE 508 SAR Plow
- WHITE 466 Chisel Plow
- WHITE 285 Field Cultivator
- NH L425 Loader
- NH 707, 718, 782, 892 Harvesters
- NH 310, 311 & 315 Balers
- NH 847 Round Baler
- NH 80 & 90 Bale Movers
- NH 488, 489 & 1495 Haybines
- NH 256 & 258 Rakes
- NH 38 Crop Chopper
- NH 28 & 30 Blowers
- NH No 8 Forage Box
- NH 513, 519, 679 & 800 Spreaders
- NH 367, 363 & 303 Tank Spreaders
- NH TR75 Combine
- KUBOTA - All Sizes In Stock
- CAGLE Sprayer
- BOBCAT 530, 642 & 743
- TYE No Till Drill
- GLENCOE 7 Soil Saver
- MORRIDGE 275 Grain Dryer

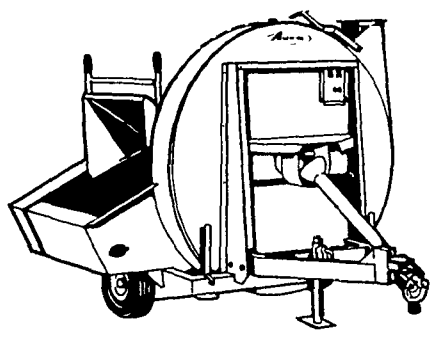
KUBOTA® bobcat

NORMAN D. CLARK & SON

Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

Spring Special...

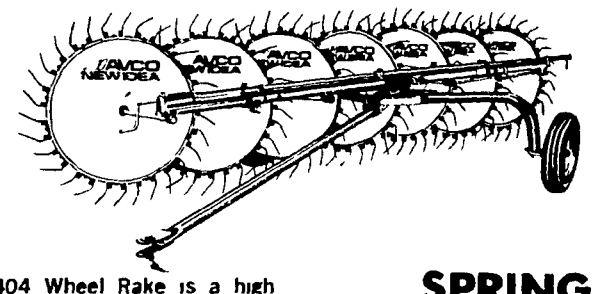
NEW IDEA MODEL 621 FORAGE BLOWER



New Idea's 621 Forage Blower is a rugged, high capacity model for better performance than ever before It features a husky 57" fan for medium to large operations. Comes with a standard adjustable tongue that makes tractor hook-up fast and simple. .

SPRING SPECIAL $1,700

NEW IDEA MODEL 404 SPEED WHEEL RAKE



The 404 Wheel Rake is a high quality rake at a reasonable price Rakes fast and clean in any field smooth, uneven, contoured or hilly Plus, it costs less to buy and less to maintain

SPRING SPECIAL $1,150

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

AVCO® NEW IDEA

UMBERGER'S OF FONTANA

NOW CELEBRATING OUR
50TH ANNIVERSARY
OUR LARGEST DUTCH AUCTION EVER!

Prices our **REDUCED** each day (except Sunday) until sold.
Located At: RD4, Lebanon, PA 17042
717-867-5161 or 717-867-2613

—USED EQUIPMENT—

ITEM	STARTING PRICE	DAILY REDUC.	PRICE ON 5/22
Cobey Manure Spreader - 130 bu , 2 beater	$1175 00	$ 3.00	$890.00
Grove Unloading Wagon - 3 beater (Tag No 1118)	$1125.00	$ 3.00	$840.00
New Idea 213-217 Manure Spreader - 176 bu , single beater (Tag No. 1200)	$ 995.00	$ 2.00	$ 805.00
New Idea 214-217 Manure Spreader (Tag No. 1173)	$1895.00	$ 4.00	$1515.00

—NEW EQUIPMENT—

Brillion BRS6302 Cultivator - 6 row, S tine	$2100.00	$ 5.00	$1625.00
Ideal Farrowing Stall	$ 220.00	$ 1.00	$ 125.00
New Idea 109 Fertilizer Spreader - twin spinner	$1095 00	$ 3.00	$ 810.00
New Idea 456 Round Baler	$9500 00	$12.00	$8360.00

OTHER USED EQUIPMENT

- JD KBA 32 Disc Transport new blades
- NH #1469 SP Windrower, Exc Cond
- NH 36 Flail Chopper
- Hesston PT10 Windrower
- 10' 3 pt Lely Roterra
- Brillion 20' Transport Harrow
- Brillion 12' Transport Harrow
- MF 135 Diesel Tractor
- IH 56 Hopper Blower
- Used Toro Lawn Mowers
- Dion 3 btr Forage Wagon
- NI pull type 2 ton Fertilizer Spreader
- New Dion Unloading Wagons
- New Gehl 16' & 18' Forage Boxes
- New Kilbros Gravity Bin /wHyd Auger
- New Pequea PTO Hay Tedders
- New 11'3" & 18' 9" Glenco Soil Finishers
- New 1445 Bush Hog (Demo) Disc SPECIAL PRICE

NEW Gilson Roto Tillers

Vigor Rated Soybean Seed

Baler Twine In Stock 9,000 & 10,000 Ft.

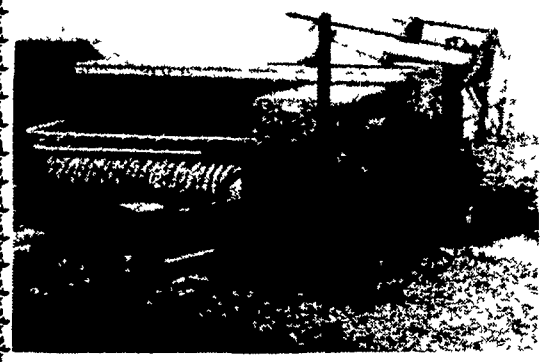
LANDIS BROS., INC

1305 Manheim Pike, Lancaster, PA 17601
Phone - 717-291-1046

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

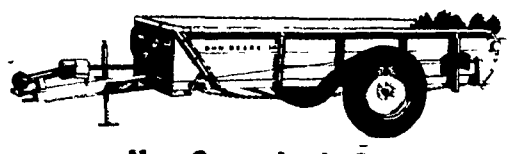
CHECK THESE SPECIALS

Call Right After 7 A.M.
For Informaton & Prices



JOHN DEERE 346 BALER WITH NO. 30 EJECTOR

NOW: Special Finance Waiver — NEW John Deere and Used Spreaders Finance Charges Waived To Oct. 1, 1982



New Spreader in Stock

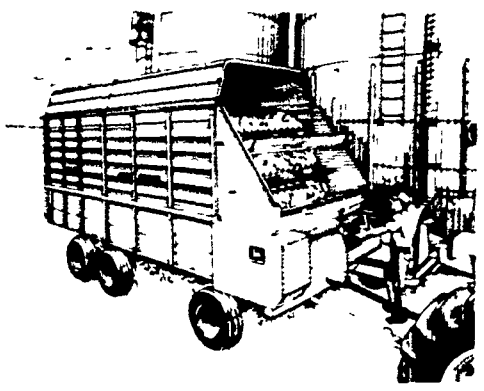
Special prices, Single Axle, 465 Tank, 660 and 680 Tandem Axle

Savings of up to $400 don't amount to a hill of beans without these two words:

JOHN DEERE

Don't miss John Deere Down-to-Earth Values.
All offers expire May 31, 1982.

Keep your operation rolling with our faster unloading speed



The John Deere 714A and 716A get you unloaded and back to the field in a hurry Our top unloading speed is a fast 11 5 feet per minute to keep your operation rolling smoothly With optional hydraulic controls, you can unload from the tractor seat See the 593-cubic-foot 714A and the 677-cubic-foot 716A today

In Stock For Immediate Delivery 716A w/1275 Wagon Gear

Used Disk Harrows

JD 210 12'10" 36 BL
JD AW 15'2" 44 BL
JD F930 15'30" 3 Pt. Roller Harrow

Used Combines/Corn Heads

JD 7700 w/14' plat.
JD 6600 hydro. w/13' flex plat. & 643-6RN head
JD 444 corn head
JD 4400 w/13' plat.

Used New Idea Uni-Equip.

702 dsl. power unit w/cab
705 dsl. power unit w/cab ± 67 super chopper
768 w/N3 row RC
769 flail mate
762 2R 30" RC
763 3R
725 3R Snapper
766 Hay Pick-up

Used Grain Drills

JD FB17 B Single Disk
Ontario 16 Disk w/GSA

Used Spreaders

NI 206 Gr. drive
NI 214 Flail
NI 224 10 Ton w/Endgate

Used Tractors

JD 2640 RU dsl. w/146 loader
JD 4230 PS SG
JD 4230 quad. range SG
JD 2630 RU dsl. w/145 loader
JD 3020 dsl.
JD 1520 RU dsl.
JD 4010 dsl. WFE
JD 3010 dsl. RC
MF 65 dsl.
IHC 606 dsl. w/TA
JD 4020 PS WFE
JD 2010 RC
JD M w/Cult.
AC 5050 Dsl. w/Loader

Used Moldboard Plows

JD 350 Semi-Mtd. 6B16" P/Reset
JD 350 Semi-Mtd 4B16" P/Reset
Ferguson 3 Pt. 2B 14

Fert. Spin Spreaders

New NI 119

Used Cultivators

JD RG430 4 row 30" Rear 3 PT

Used Forage Harvesters

JD 3800 PT w/2R - 30" RC
IHC - 830 PT N/3R 30" RC & hay Pickup w/Knife Sharpener
Fox 2000 w/elect. Knife Sharpener 2R - 50" & Hay P.U. Attach

New Tractors

JD 4640 PS SG
JD 4440 PS, SG
JD 4240 Quad, SG
JD 4040 PS SG
JD 2640
JD 2440
JD 2240

NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

206 New Idea Spreader Available With or Without Steel Wheels With or Without Endgate Att. For Shipment NOW Order Yours Today.

USED LAWN & GARDEN TRACTORS

JD 111 - 11 HP w/38" Mower & Bagger
JD 110 - 10 HP w/46" Mower
NHS 12 - 12 HP w/48" Mower
JD 70 w/34" Mower

USED CORN PLANTERS

	Was	SALE
JD 7000 6 RN Cons dry fert insect pop monitor	9295	8995
JD 7000 4 RW w/dry fert Insect Monitor	5895	5595
JD 7000 4 RN w/Dry Fert Insect Monitor	5895	5595
JD 1240 4 R Plateless w/Dry Fert Insect	2150	1950
JD 1240 4 R Plateless w/Dry Fert Insect	2450	2250
JD 1240 4 R Plateless w/Liquid Fert Att Insect	1950	1750
JD 1250 6 RN w/Dry Fert Insect Monitor	2995	2695
JD 1240 4 R Plate Type Dry Fert Insect	1550	1400
JD 494A 4 R w/Dry Fert Insect	1450	1150
AC Model 500 4 R Fert Att	550	495

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

bobcat

USED EQUIPMENT

Tractors
Farmall H
Farmall M
Farmall 856D
F986D
IH F766 D
IH F1256
IH Hydro 186
JD "B" w/cult
MF 255
Case 450 Diesel Crawler
Bobcat 520 Skid Loader
Bobcat 631 Skid Loader

Plows
IH 550 5-Bottom
IH 700 6F Auto Reset
IH No 8 Trailing
3F Trailing Plow
MF 3F 3 pt. Plow
MF 5F 14" Mounted
JD 3 pt 3F Plow
Ford 3F 14" 3 pt
Ford 5F 18"

Tillage
IH 24 Offset Disc
IH 122 Mtd Disc Harrow
IH 4500 V S 12 Ft
Lely Power Harrow
JD KBA Disc
Dunham 10' Cultimulcher

Planters & Drills
IH 449 Planter
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt Cultivator
IH 400 Cyclo 4 Row
IH 455 Planter
JD 494 Planter
JD 1240, 4-Row
JD 15x7 Drill
JD FB 177B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter
Ontario 13x7 Drill
Oliver 17x7 Drill
Lilliston 4R Cult

Pickers
IH 2 ME
IH 2 MHD
NI 2-Row Mounted
NI No 10 Cornpicker
NI 323 1-Row

Hay Machines
IH 430 Baler
IH 46 Baler w/Thrower
IH 10 Bale Thrower
IH 27V Mower
IH 115 Mower
IH Cub 222 Mower
IH 990 9 Ft. Mower Conditioner
M.C. Rotary Scythe
Kubota 60" Mower
JD 660 Rake
JD Hay Tedder
Myers Hay Crusher
NI Mower
NI Hay Conditioner
NH 67 Baler
JD 214 Baler

Combines & Cornheads
IH 127
IH 403 Combine
IH 815D Combine
IH 810 15' Grain Head
IH 227 Corn Head
IH 429 Corn Head
IH 743 Corn Head
IH 844 Corn Head

Forage Equipment
IH 16 Harvester w/2 Heads
IH 350 FH
IH 550 Harvester w/2 Heads
IH 650 Forage Harvester
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
IH 2-Row Snapper Head For Forage Harvester
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 16A Flail Chopper
JD Forage Box
IH 5 Flail Chopper
IH Hay Pickup 550/650
IH Hay Pickup 350
IH Direct Cut 350
AC 780 Harvester
Fox 546 Harvester
Fox S P Harvester
NH 717
IH 42 Blower
NH 23 Blower
NH 25 Blower
Kools Blower
Gehl FB99 Blower

Lawn & Garden
IH 125 Cadet Mower
IH Cadet 60 Riding Mower
IH 108 Cadet
IH Cadet 70 Tractor
IH 1450 Cadet with Mower
Haban Sickle Mower
NI EGT 100 Electric
MF 16 Tract w/Mower
Snow Blowers
E.Z Lawn Vac
AMF 10 HP Rider

Miscellaneous
Surge 15KW Alternator
IH 20 Loader For Super C
NI 17A Spreader
NI 213 Spreader
NI 214 Spreader
Martin 2400 Gal Spreader
Waldron Dozer Blade w/IH or JD Mountings
GT 370 Grain Dryer
NH 346 Tank Spreader
Winco 1500 Generator
Kubota 3 pt Backhoe
Cordwood Saw
Danuser 8 Ft Blade 3 pt
Uebler Feed Cart
IH 300 Mixer Wagon

Thursday, May 27
Coming **COMBINE MEETING** 8 P.M.

★ WE RENT BOBCAT LOADERS ★

SWOPE & BASHORE, INC.

RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles
N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138
Area Codes 215 & 717
Call Toll Free 1-800-692-7467

inventory REDUCTION sale..

We need to clear our showroom. . . and we're offering you great deals to do it!
All Ford tractors at remarkable savings!!

Ford
Model #1300
2 Cyl. Diesel
2-wheel drive with 12x4 trans.
8.3x34 rear tires.
$4,255
List $5,660

Ford
Model #1500
2 Cyl. Diesel
2-wheel drive with 12x4 trans. and 9.5x24 rear tires.
$4,634
List $6,165

Ford
Used
8N TRACTOR
Completely over-hauled with 90 day 50-50 guarantee
$2,695

Ford
Model #2600
3 Cyl. Gas
Dif. lock, power steering, pan seat, swinging drawbar, 12.4x28 rear tires, 8 spd. trans.& Live PTO
$8,458
List $11,277

Ford
Model #2600
3 Cyl. Gas
Manual steering, pan seat, swinging drawbar, 12.4x28 tires
$7,922
List $10,563

Ford
Model #545
3 Cyl. Diesel Industrial Tractor, 540 RPM PTO, manual reversing 6x4 trans., No 3-point lift. 745 3500 lb. loader, ¾ Ycl. 81" wide bucket
$16,212
List $21,372

NEW TRACTORS FULLY WARRANTIED

TUNIS BROTHERS CO.

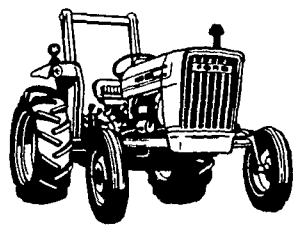
Agricultural Equipment
Cypress & Washington Sts., Kennett Square
215-444-5480

NEW HOLLAND

BROOKS FORD TRACTOR, INC.

Ford Tractors Equipment

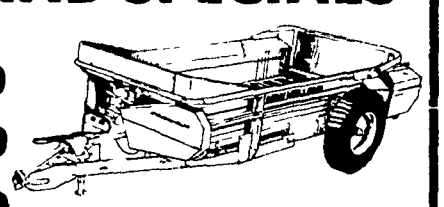
FORD CLEARANCE SPECIALS



(While They Last)
1981 FORD 3600
(40 H.P.) No Trade **$10,200**

Model 131, 10 tooth chisel plow **$2,500**

NEW HOLLAND SPECIALS



Lease Returns (1) 513 Spreader 2 Beater w/manure pan	$3,000
(1) 303 Liquid Spreader	$9,200
Model L35 Skid Steer Loader	$13,500
L425 Skid Steer Loader	$10,500
847 Round Baler	$8,000
495 Mower Conditioner	$9,000
329 Box Spreader	$2,750
310 Baler w/Thrower	$6,900

GOOD USED EQUIPMENT

Mower Conditioner	Owatonna 208		
Mower Conditioner	A C 390	Baler	N H. 273
Mower Conditioner	NH 479	Crusher	N H 404
Flail Chopper	N H 33	Forage Wagons	N.H 7
Flail Chopper	N H 38	Forage Wagons	N H 8
Forage Harvester	N.H. 782	7' mower	N H. 451
Tank Spreader	Hawk Bilt	Box Spreader	IH

BROOKS FORD TRACTOR, INC.

West College Avenue
Pleasant Gap, PA 16823
PH: 814-359-2751

RED HOT SPECIAL

IH 435 baler w thrower	$7,995
IH 445 baler w thrower	$8 995
IH 475 disk harrow w new tires	$4 425
IH 1250 grinder mixer	$6,225
IH 730 adj width 4 bottom trip plow	$5575
IH 720 5F 18 auto reset plow	$8325
IH 962 cadet 20 HP w 3 pt hitch	$4375
4500 field cult 16 5	$2750
IH 84 hydro diesel w 2250 loader	$18 650

(Also 484, 584, 684 diesel tractors at special OLD prices)
(Rebates are available on machines marked with an asterisk

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Farmall 786 w/18 4x38 rear tires, differential lock, roll frame
$20,850

USED TRACTORS & EQUIPMENT

Farmall 1566 w cab air conditioning local tractor used 1675 hours sold new in 76	$18,750
Farmall 686 diesel	$12,900
Oliver 77	$1,200
IH 544 Hydro utility 3 pt hitch	$4,900
IH 715 diesel combine 4 row narrow corn head 13 grain head	$23,000
NH 352 grinder mixer	$3,150
NH 479 mower conditioner	$3 150
NH 717 forage harvester corn head & grass head	$1 275
Gehl forage harvester w 2 row corn head and grass head	$1 000
IH 830 harvester w 2 row head	$6500
JD 24T baler w thrower	$1 500
IH 37 baler w thrower	$800
IH 430 baler w thrower exc	$2950
Walsh 200 gallon sprayer	$1200
Walsh 500 gallon sprayer	$1500
Ontario 13x7 grain drill late model	$950
MM tractor rake	$725
400 6 row planter w no till coulters & liquid fer	
Athens 11 6 disk harrow disked 10 acres	$2 150
NH 256 rake	$1 500
IH #15 one row chopper	$1,000
Ford 3 pt sickle bar mower	$450
Woods 7 3 pt rotary cutter	$775
NH 40 elevator	$1 275
IH 4140 skid steer loader	

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Amco 18 rock flex disk harrow	$10,750
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AC 600 4 row No-till planter
White 5400 - grow no-till planter
MM 10 ft. transport disc harrow
JD no. 50 side mtd. mower
JD Model R spreader
MF 110 spreader
JD 8250 grain drill like new
JD 444 4 row cornhead
JD 6600 side-hill combine w/13 ft. platform & 6 row cornhead
Neco grain saver for 3300-4400-6600-7700
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Thrower for 273 baler, exc
New 5' Bush Hog Rebel model, only 1 left list $750, our price $595
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Rosenthal corn husker, good cond
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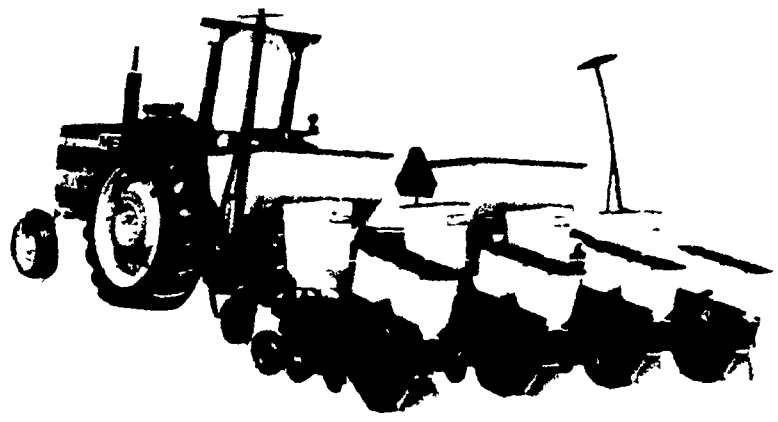

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- 4-row seed monitor with counter and tester
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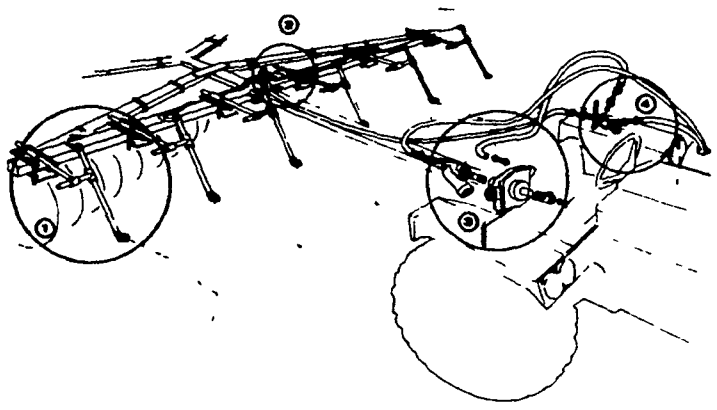

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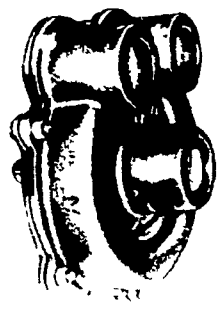

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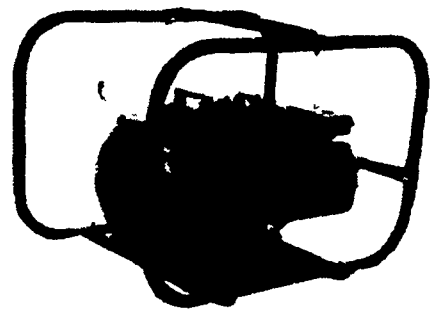

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2"x3 HP $244.95
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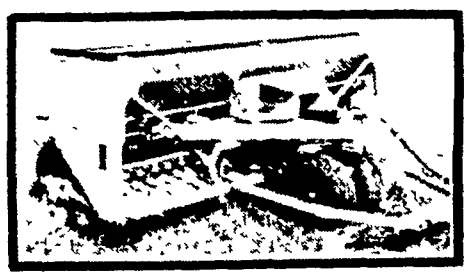

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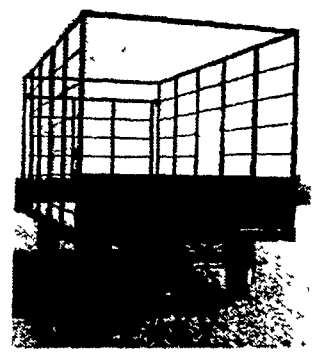

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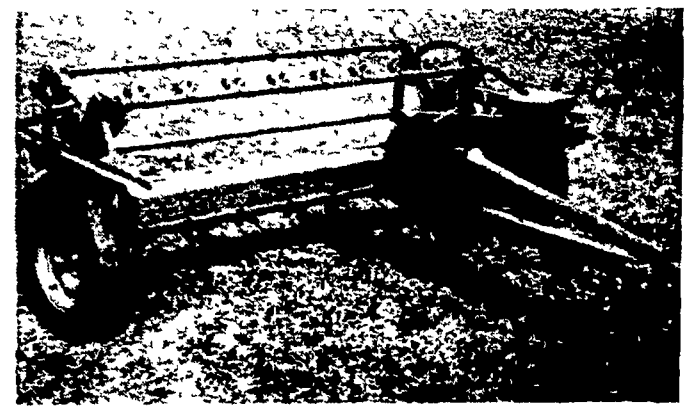

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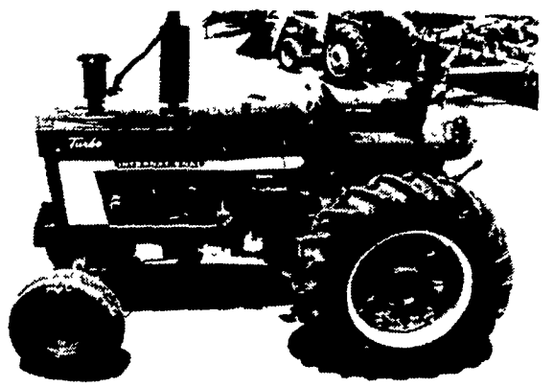
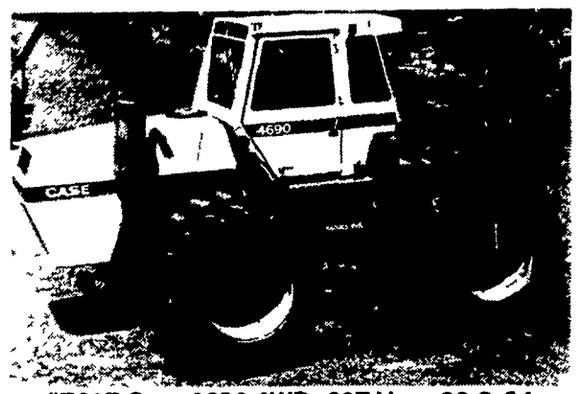
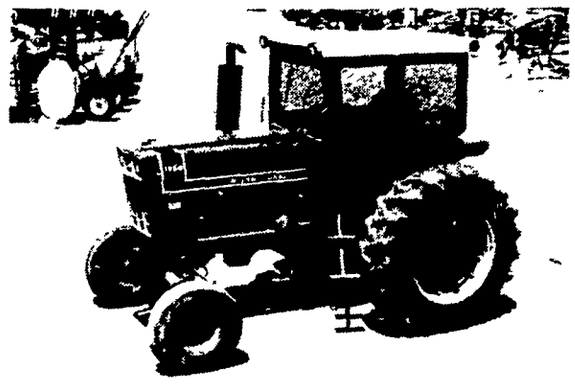


#7078 IH-F1066D w/20.8x38, 2121 Hrs., Excellent

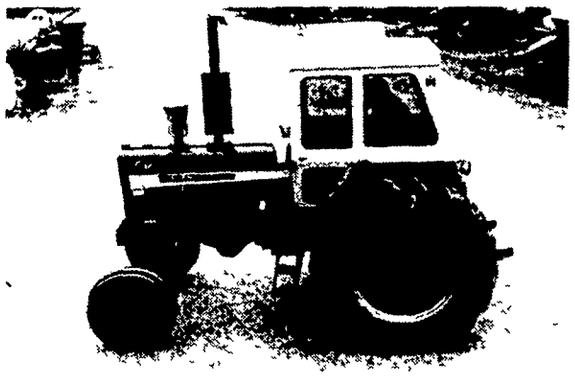


#7617 Case 4690 4WD, 607 Hrs., 20.8x34 Duals

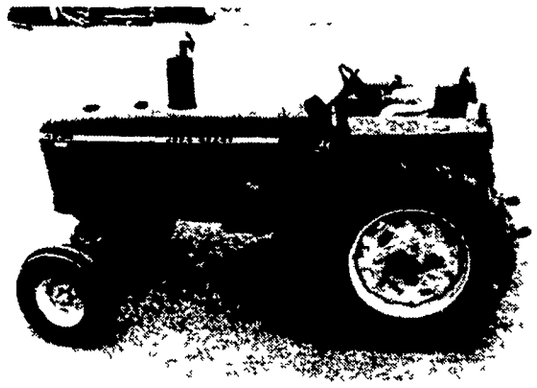


#7626 IH-F1066D, 1976, 1671 Hrs., 20.8x38

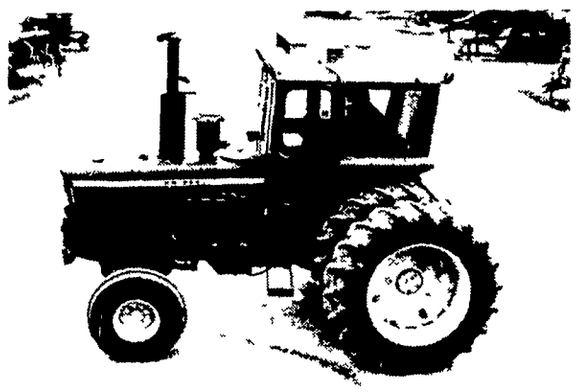
#7385 IH 484D w/2200 Loader, 202 Hrs., Excellent



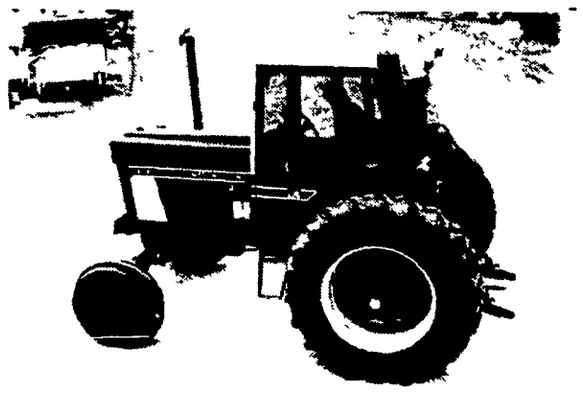
#7379 IH-F1456D w/20.8x38, Cab w/Air



#7410 Deere 4230, 18.4x34, 2988 Hrs., Quad Range

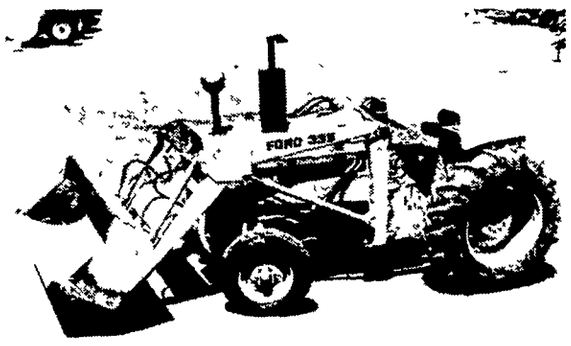


#7380 Deere 6030, 20.8x38, Duals, Cab & Air

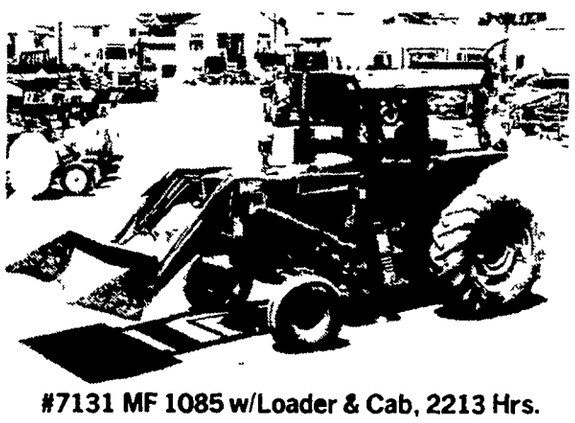


#6432 IH - F1586D w/20.8x38, 1710 Hrs.

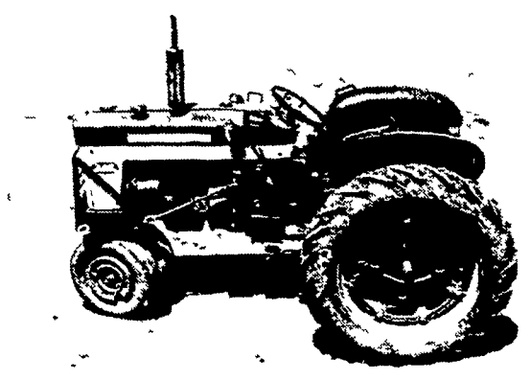
#7305 White - 2-155 w/24.5x32, 1224 Hrs.



#7449 Ford 335 Industrial Loader, 1978



#7131 MF 1085 w/Loader & Cab, 2213 Hrs.



#7624 IH - F340 Gas

USED EQUIPMENT

COMBINES

7435 IH 1460
7437 IH 1460
6817 IH 1460
7495 IH 1440
7138 IH 915D
5742 IH 915D
7104 IH 815D w/763 Cornhead & 13' Grainhead
7244 IH 815D
7142 IH 715D
7236 IH 315 w/3R Cornhead & 13' Grainhead
6126 IH 503-C w/430 WN Cornhead & 13 5' Grainhead
7223 JD 3300D w/13' Grainhead 581 Hrs
6098 NH 975 w/922 Cornhead & 13' Grainhead
7222 MF 510 w/63 Cornhead & 13' Grainhead
5373 MF 300 w/2R Cornhead & 13' Grainhead
7158 AC Gleaner F w/A330 Cornhead & 13' Grainhead
7098 NH TR70 w/962N4 Cornhead & 960 15' Grainhead

PLANTERS

3288 IH 400 8R Cyclo
6654 IH 400 4R Cyclo
6475 IH 400 4R Cyclo
6547 IH 500 6R Cyclo
7329 AC 600 8R Air Planter w/No-Til
7623 IH 56 4 Row
7625 White 4 Row, No Till

TRACTORS

7604 IH E 1466D
7516 IH 4586 4 WD
6594 IH 4366 4 WD
7302 IH F1486D
7372 IH F1466D w/cab
7573 IH F1466D w/cab
7440 IH F1086D
7569 IH 1066D w/cab
6452 IH F806D
6186 IH F656D Hydro
7292 IH 544D Hydro
7500 IH Farmall M
7059 IH Farmall M w/2M Cornpicker
6526 IH 125C Crawler Loader
7388 Kubota L245DT 4WD w/1200 Loader
7183 Steiger ST-251 Cougar III
7616 David Brown 885 G, Turf Tractor

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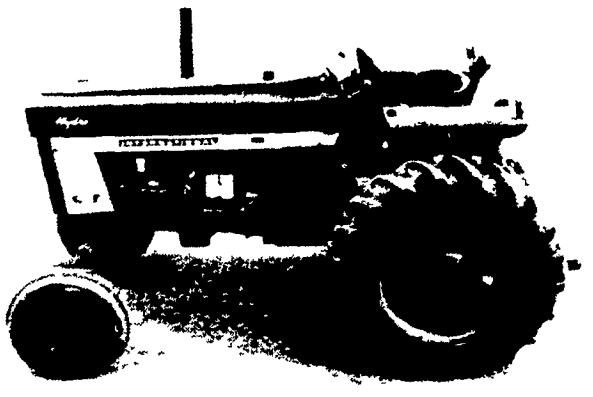
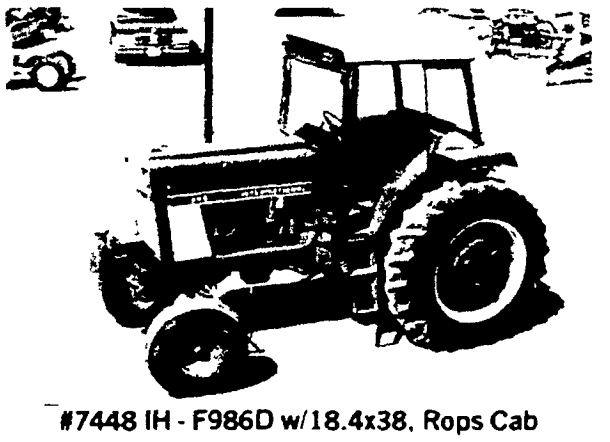
#7373 Deere 8630 4 WD w/Dual, 18.4x38

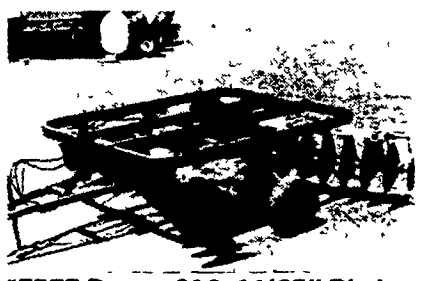


#7273 IH - F1066D Hydro w/18.4x38 Tires



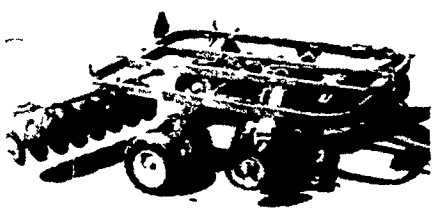
#7448 IH - F986D w/18.4x38, Rops Cab

OTHER GOOD USED EQUIPMENT

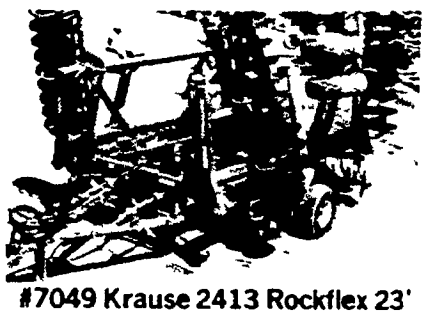


#7577 Deere, 310, 11'25" Blades

#7157 Sunflower #2-12, 12' Offset

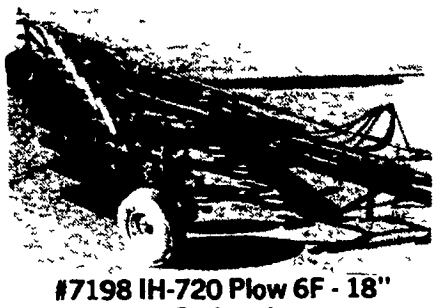


#6332 Deere 310, 12'6"



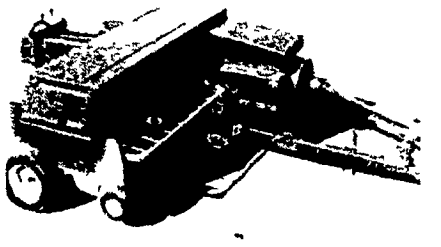
#7049 Krause 2413 Rockflex 23'

#7543 IH-531 Plow, 3 Bottom-16"



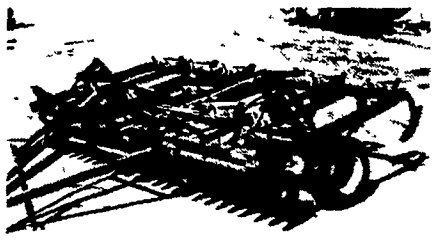
#7198 IH-720 Plow 6F - 18" On Land

#7572 Athens 163 Disc, 11' 24" Blades

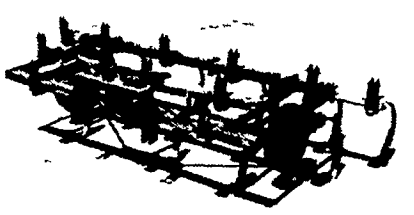


#4976 NH - 320 Baler

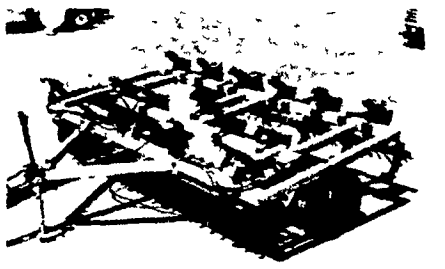
#7504 IH - 45 Vibra Shank 8½'



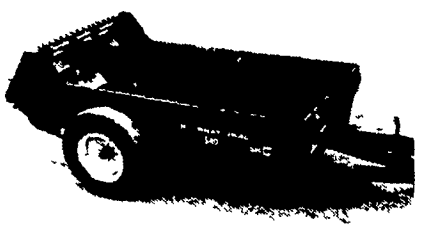
#6493 Glencoe Soilsaver 11 Shank



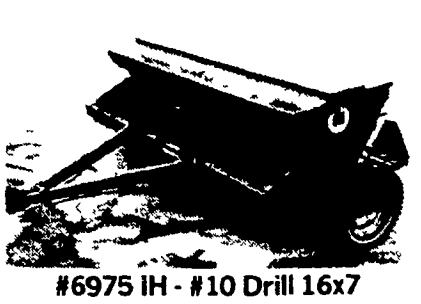
#7630 Taylorway 14 Tooth Chisel, Mounted



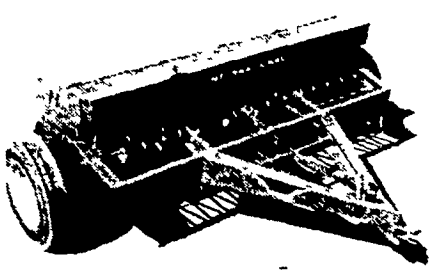
#7537 Binkley 11 Shank Digger Disc



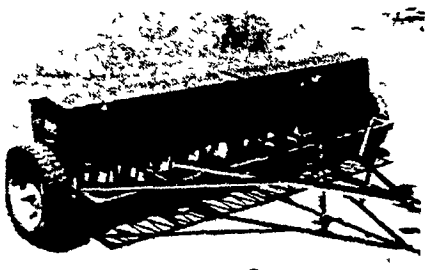
#7181 IH-540 Manure Spreader



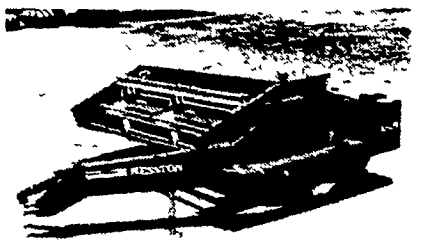
#6975 IH - #10 Drill 16x7



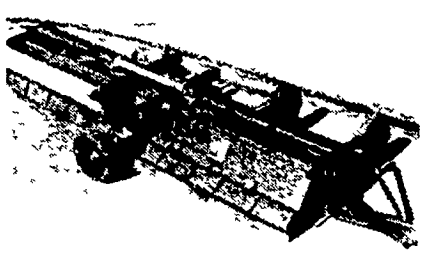
#7507 IH-510 Drill 21x7



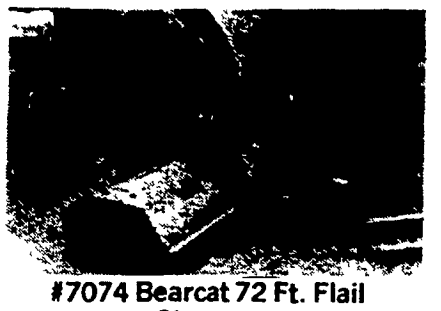
#7554 MF-43 Drill 22x7 w/Grass Seed



#6743 Hesston 1090, 9' Mower Conditioner



#7225 MC-1805 Stalk Slicer



#7074 Bearcat 72 Ft. Flail Chopper

#7319 1300 Mower, 7' 3 Pt.

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Irrigation, Industrial Manure, Waste Water

New - Used

Diesel, Electric, Gasoline, PTO

Reynolds Aluminum Pipe

Irrigation System Design Portable, Wheel Reel Irrigator

EECO, INC.

4021 N. 6th St.
Harrisburg, PA 17110
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WE HAVE REDUCED OUR PRICES ON THESE TRACTORS

JD 2440 standard trans.	Amount Reduced $4835
JD 2440 Hi-Low	Amount Reduced $4050
JD 2940 2 Wheel Drive	Amount Reduced $7280
JD 2940 4 wheel drive	Amount Reduced $8185
JD 4040 Fenders	Amount Reduced $6810
JD 4240 SG, QR	Amount Reduced $11,785
JD 4240, SG, PS	Amount Reduced $11,279
JD 4440 SG, QR	Amount Reduced $13,365

CALL FOR TRACTOR PRICES

New Specials
JD 3960 Harvester
JD 327 Baler

Buy a new John Deere 6600 Side Hill Combine at 1981 Prices

TRACTORS
JD 4240 w/148 Loader, 400 hrs.
White 2-85 w/cab
IH 1086 w/cab
IH 400 D
JD 2940 (290 hrs.)
JD MT

COMBINES
JD 45 w/2 heads
(3) JD 444 Corn Heads
1980 MF 760, 338 Hrs.

PLANTERS
JD 7000 6R
White 5400 4R
IH 400 6R
IH 400 4R
JD 1240

HARVESTERS
Gehl 600 w/heads
NH 717 Harvester
Hesston 720 w/heads
NH 770 w/heads

HAY TOOLS
JD 24T Baler
NH 269 Baler

TILLAGE
JD 345 5 Btm. Plow
IH 700 5x16 Plow
JD 950 12' Roller Harrow
Brillion 12' Roller Harrow
Ford 10' Disc
JD 1600 10' Chisel Plow

TOBIAS EQUIPMENT CO., INC.

Halifax, PA 17032
Phone: 717-362-3132

New Holland Loaders

New L35	37 hp	$13,500
Used 775	65 hp	$7,500
Used L35		$8,500

Action Rental Center

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Poly-glass fertilizer storage tanks
11 sizes up to 6000 gallons
Cone-bottom tanks from 250 gallon to 2500 gallons
Free Delivery Within 50 miles

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AC 7045 Tractor
AC 7000 Tractor
AC 5040 Tractor
AC 185 Tractor
AC 175 Dsl Tractor
AC 170 Gas Tractor
AC 160 Tractor w/loader
Amco F17 10½' Disc Harrow, like new
NI 213 Manure Spreader

ROY H. BUCH INC.
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MF Massey Ferguson

M.M. WEAVER & SONS, INC.

LEOLA, PA. 17540 PH: 717-656-2321

Located. 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

USED CORN HEADS

MF 83 8 Row 30" (2)	@ $7000.00
MF 63 C 6 Row 30" (2)	@ $2500.00
MF 63 6 Row 30" (4)	@ $2100.00
MF 44 4 Row 38" (2)	@ $3500.00
MF 44 4 Row 38" (9)	@ $2500.00
MF 44 4 Row 38" (3)	@ $2100.00
MF 43 4 Row 30" (1)	@ $2500.00
MF 33 3 Row 30"	$2500.00
MF 24 2 Row 38"	$2200.00
MF 422 4 Row To Fit 510	$1200.00
MF 621 4 Row To Fit 510	$1200.00
MF 322 3 Row To Fit 410	$200.00

NEW & DEMO HAY, FORAGE & PLANTING

MF 200 Harvester w/2 Row Head	$5700 00
(4) MF 1 row Corn Head for 200	@ $900 00
MF 22 Bale Thrower	$1520 00
(2) Farmhand F7 Hay Rake	@ $1995 00
Farmhand M 25 Hay Rake	$975 00
Niemyer Hay Tedder	$1525 00
(2) Mott 3 pt 72" Flail Mower	@ $1500.00
(4) Farmhand Corn Processor	$4500.00
(4) Conveyor For Above	@ $950 00
MF 468 6 Row Cornplanter	$2588.00
Farmhand 815 Grinder Mixer	$4900 00
EZ 14' Forage Box, Roof, 10 Ton Gear	$4015.00
EZ 14' Forage Box, 10 Ton Gear	$3715 00
EZ 14' Forage Box, 1074 Gear	$3950.00

TRACTORS USED

AC 7045, Power Shift, Only 120 Hrs	$26,500
MF 1800	$15,500
MF 1155 8 Sp	$11,000.00
MF 33 Wheel Loader	$9000.00
NW 71 Skid Steer	$8000.00
Long 9500 Diesel	$4500.00
MF 2675	$20,000.00
MF Super 90 Diesel	$4,500.00
JD 4430 Less Cab	$15,000
MF 1130 engine overhauled	$8000
MF 275 w/Loader	$12,000

DEMO TRACTOR

MF 2775 24 Sp	$29,000.00
(2) Ind 20C Tractor Cabs	@ $1500 00
MF 4840, 265 Hp 18 sp 3 pt P T O	$59,000.00

NEW & DEMO MISC. EQUIP.

York 6' Scraper	$230.00
(4) York 7' Scraper	@ $250.00
York 7' Scraper	$500.00
York 8' Scraper	@ $550.00
MF 226 Scraper (3)	@ $460.00
MF 8 10 Ton Gear 11L	$1140 00
MF 7 8 Ton Gear	$775 00
MF 86 12 Ton Tandem Gear	$1525 00
EZ Pincor Gear	$250 00
MF 5 Ton 5th Wheel Gear	$300 00
EZ 672 6 Ton Gear	$675 00
EZ 872 8 Ton Gear (3)	@ $830 00
EZ 1074 10 Ton Gear	$1050 00
MF 216 Q A Loader	$1750 00
MF 32A Loader	$3500 00
Dunham 22 Loader (2)	@ $2550 00
Danuser Post Hole Digger	$875 00
Little Giant Corn Drag	$780 00
EZ 170 Bu Gravity Box (2)	@ $530 00
EZ 220 Bu Gravity Box	$900 00
Danuser Post Driver	$1300 00

NEW & DEMO PLOWS & TILLAGE

MF 43 2 14 Plow	$1060 00
MF 129 3 pt Chisel Plow	$1375 00
Amco F17 32 Disc Harrow	$5200 00
Dunham 8 Tooth Chisel Plow	$1600 00
MF 730 Disc Harrow 10'	$4950 00
Dunham 14 Cultipacker	$1350 00
MF 428 4 38 Cultivator	$1250.00
MF 620, 12' Disc Harrow	$4950 00
Glenco 7 Tooth Soil Saver	$5600 00

USED PLOWS & TILLAGE

MF 520 Disc 10'	$1500
Brillion 15' Cultimulcher	
Oliver 4x16 Semi Mtd Plow	$1000
Ford 5x18 Semi Mtd Plow, Auto Reset	$2000
IHC 16' Vibra Shank	$1500
JD 28' Rotary Hoe	$1800

USED HAY - FORAGE & PLANTING

MF 1050 Grinder Mixer	$3850.00
Brady 1680 Flail Chopper	$2900.00
New Idea 315 Picker Sheller	$1800.00

WE SOLD 20 NEW MF COMBINES LAST WINTER. CONTACT US NOW FOR THE BEST SELECTION OF GOOD USED COMBINES.

USED COMBINES

1980 MF 760 V8, 15 ft Floating Header, 1163 Corn Head	$62,000.00
1980 MF 760 V8, 15 ft Floating Header, 1163 Corn Head	$57,000.00
1980 MF 750 Hydro, 13 ft Grain Head	$49,500.00
1980 MF 750 Gear Drive, 20 Ft Floating Header	$41,000.00
1980 MF 550 Hydro	
1979 MF 760 V8, 14 Ft Grain Head, 1163 Corn Head	$51,000.00
1979 MF 760 V8, with Grain Saver & Chopper	$45,000.00
1978 MF 760 V8, with rear Wheel Drive & Grain Saver	$48,000.00
1978 MF 510 Hydro, 13 Ft Grain 4 Row Corn Head	$27,000.00
1977 MF 750 Hydro, 16 Ft Floating Header	$38,000.00
1977 MF 750 Hydro, 14 Ft Grain Head, 63 Corn Head	$37,000.00
1977 NH TR 70	$22,000
1976 MF 750 Hydro, 14 Ft Grain Head, 44 Corn Head	$38,500.00
1976 MF 750 Hydro, 14 Ft Grain Head	$29,000.00
1976 MF 750 Gear Drive, 14 Ft Grain Head, 1144 Corn Head	$31,000 00
1975 MF 760 V8, 18 Ft Floating Header	$33,000 00
1975 MF 760 V8, 15 Ft Grain Head	$29,000 00
1975 MF 300 Gas, 13 Ft Grain Head	$11,000 00
1974 MF 510 Diesel, 16 Ft Floating Header	$17,500 00
1974 MF 510 Diesel 13 Ft Grain Head, 43 Corn Head	$19,500 00
1974 MF 510 Diesel, Less Heads	$15,000 00
1972 MF 760 Gear Drive 16 Ft Grain Head	$19,500 00
1972 MF 510 Diesel Hydro, 13 Ft Grain Head	$14,500 00
1970 MF 510 Diesel Hydro Less Heads	$12,500 00
1968 MF 510 Diesel, 13 Ft Grain Head, 43 Corn Head	$15,500 00
1968 MF 510 Diesel, 13 Ft Grain Head	$12,500 00
1968 Gleaner CII, 13 Ft Grain Head, 4 Row 36" Corn Head	$8500 00
MF 510 Gas, 12 Ft Grain Head, 421 Corn Head	$9000 00
IH 315 Gas, 12 Ft Grain Head, 2 Row Corn Head	$7900 00
IH 315 Gas, 12 Ft Grain Head	$4900 00
IH 141 10 Ft Grain Head	$2000 00
IH 303 10 Ft Grain Head 2 Row Corn Head	$3900 00

DEMO
MF 4R AIR CORN PLANTER
NEW $7,900 SPECIAL PRICE $4,250

New FOR '82!

BUSH HOG® MODEL SQ-60R SQUEALER

Here's real economy in a quality-built Rotary Cutter

SPECIFICATIONS
AND STANDARD EQUIPMENT

CUTTING WIDTH	60
HITCH	3 Point lift
CUTTING HEIGHT	2 12
DECK	11 gauge steel
BANDS	11 gauge x 7
MINIMUM TRACTOR HP	25
GEARBOX	540 rpm heavy duty
BLADES	½ x 3
WHEELS	Solid caster full swivel
WEIGHT	Approx 530 lbs
ROUND BLADE HOLDER	Standard

Safety Chain Shielding Is Available

WARNING Because of the possibility of injury from thrown objects all rotary cutters are potentially dangerous Any rotary cutter intended for use along roadways or other locations where people may be present must be purchased with safety chain shielding

Specifications Subject To Change Without Notice

COMPARE: Price/Performance/Durability

If you want a tough, dependable 5' rotary cutter at an affordable price, look no further than the Bush Hog Squealer

The Squealer's attractive price compares most favorably with cheaply built competitive models

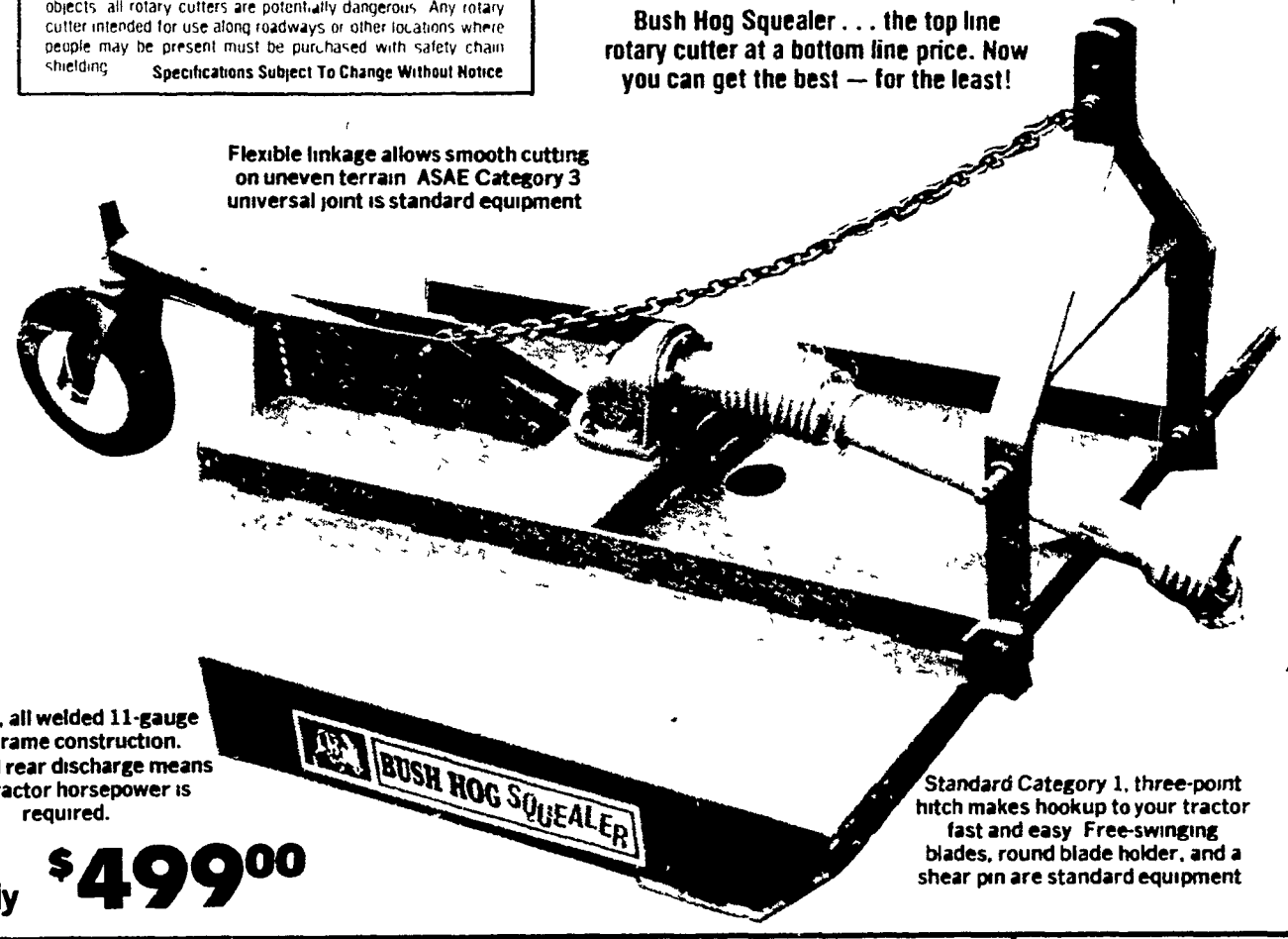
The Squealer s performance is outstanding on grass and pasture clipping jobs, general maintenance cutting

The Squealer is built for dependability — year after year

The Bush Hog Squealer is a quality product from the industry leader the number 1 choice with any standard of comparison

Bush Hog Squealer . . . the top line rotary cutter at a bottom line price. Now you can get the best — for the least!

Flexible linkage allows smooth cutting on uneven terrain ASAE Category 3 universal joint is standard equipment



Rugged, all welded 11-gauge steel frame construction. Tapered rear discharge means less tractor horsepower is required.

Only $499.00

Standard Category 1, three-point hitch makes hookup to your tractor fast and easy Free-swinging blades, round blade holder, and a shear pin are standard equipment

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USED WHITE 508
4 Bottom 18" Plow, Semi-Mtd., Spring Automatic Reset, Disc Jointers, Gauge Wheel, Hydraulic Lift Cylinder with Hoses
Like New **$4500.00**

NEW WHITE 348
3 bottom 16" Plow, 3 pt., Spring Automatic Reset, Coverboards, 20" Spring Cushion Rolling Coulters, Rolling Landside
List Price.....$3620.00
Our Special **$2750.00**

NEW WHITE 255 DISC HARROW
10 ft. 4 in., 32-7 Gauge Blades, New 9.5L-15x8 ply Tires, Disc Levelers.
List Price...$4630.00
Our Special **$3500.00**

NEW WHITE 256 DISC HARROW
12 ft. 8 in., 40-7 Gauge Blades, New 9.5L-15x8 ply Tires, Disc Levelers
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Our Special **$4000.00**

NEW PLANTERS IN STOCK

WHITE 543
4 Row, Wide or Narrow Granular Fertilizer and Insecticide

WHITE 5100
4 Row, Wide or Narrow Granular Fertilizer and Insecticide

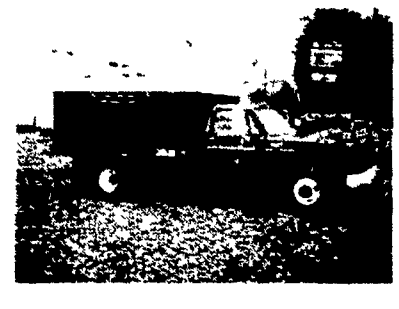
WHITE 5100
6 Row 30" Granular Fertilizer and Insecticide

USED MILLER SCP 200C MIG WELDER WITH MILLERMATIC 30E WIRE FEEDER

PRIMARY	SECONDARY
Volts 208/230/460	200 Amps
Amps 42/38/19	60% Duty Cycle
Single Phase	

COMPLETE WITH THE FOLLOWING ACCESSORIES:

- Gas Flow Meter and Hose
- Ground Clamp w/25 Ft. Cable
- Gun Assembly w/10 Ft. Cable
- Heavy Duty Helmet
- 50 Ft. Power Cord and Plug
- Roll .035 Wire
- Roll Aluminum Wire
- Custom Wheel Cart



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with New Omaha Standard 10 ft. Grain and Cattle Body, Hoist Truck was Completely Rebuilt by Us. Stop In and See This One.

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- Wide Front Axle Assembly 1550-1955
- 1655 Diesel Engine Block
- Hydra Power for 1600
- Reconditioned Crankshaft for 1755 Diesel
- 1600 Gas Engine Block

USED WHITE 5400 6 ROW 30" PLANTER
Granular Fertilizer and No-Till Monitor
$5000.00

USED WHITE 2-85 TRACTOR
18.4x34 Tires
One Owner

USED PLANTERS

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6 Row, No-Till, Granular Fertilizer & Insecticide Monitor

WHITE 5400 PLANTER
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RD 4, East Farmersville Road, Ephrata, PA 17522
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Hours: Mon., Tues., Wed. & Fri. 7:30 A.M. to 5:30 P.M.; Thurs. to 8 P.M.; Sat. till 3 P.M.

Bolens DIESEL TRACTORS

WHITE FARM EQUIPMENT

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

VERMEER

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Introducing Our New Line...

Vicon

NEW EQUIPMENT:
Vermeer 504F Baler
11 Scranton Bale Feeders
Vermeer & Scranton Bale Movers
Haybuster Big Bale Buster (For Mulching Big Round Bales)
Martin S1263 Spreader

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1 Hawk Bilt 257 Tank Spreader
1 Brady Flail Shredder

NEW Vicon MACHINERY!

(2) 4 Wheel 3 pt Hitch Rakes
(1) 6 Wheel Trailer Rake
(1) 8 Wheel V-Rake
(1) 600 Lb. Fert Spreader
(1) 950 LISOLD Spreader
(1) 1900 Lb. Fert. Spreader
(1) Vicon 8' Mower Conditioner
(1) Vicon 8' Mower

★ SPECIAL SPRING DISCOUNTS ON ALL VICON MACHINES!

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MF Massey Ferguson

9% Financing for 1 year or rebate on new MF tractors and combines

NEW EQUIPMENT

MF 245 diesel, 8 speed
MF 255 diesel, multipower
MF 265 diesel, multipower
MF 154-4 diesel
MF 4880 diesel tractor
MF 540 diesel combine
MF 860 diesel combine
MF 1143, 1144, 1163 corn heads
MF 13' and 15' tables and Ull reels.
MF 39 planter
MF 640 planter
MF 880 plow
MF 124 baler w/throwers

USED EQUIPMENT

JD 4020 tractor $7950
David Brown 1200 diesel tractor
Case 470 diesel tractor w/loader
MF 135 tractor
NH 850 round baler
MF 760 combine 16' head
2 MF 510 diesel combine

Renting skid steer loaders.

We Service All Makes Of Equipment

Large Inventory of New & Used Equipment

ABRACZINSKAS Farm Equipment, Inc.

RD 1, Catawissa, PA.
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Sales - Parts - Service
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New 610 DT $10,604
New Long traveling irrigation unit 1553
New Long 510 $7078
2 Long 560 one w/cab
New Long 460
New Long 310 $5483
IH 1066 w/cab
IH 656 Hydro
Farmall M w/PS
2 JD 4020 one w/cab
1 JD 3130 w/cab
2 JD 3120 one w/cab
JD 3020
2 JD 2130 1 w/cab
1 JD 2120
JD 2030 w/cab
JD 2020
Jaegar irr SOLD n pump
MF 175
Ford TW 10 w/canopy
Ford 8600 w/dual power
1 Ford 6600 w/dual power
New Ford 6600
New Ford 6610
Ford 5600
3 Ford 5000, one w/dual power
Ford 4500 backhoe
Ford 4000 w/loader
3 Ford 3000
Super Dexta
Ford 860
Ford 841
Ford 772 A loader
Roadless 95 4 wh drive

LONG SPRING CLEANUP SALE

Long 260 C 24 HP $4,424
Long 310 28 HP $5,094
Long 360 35 HP $6,345
Long 460 41 8 HP $6,653
Long 510 48 HP $7 078
Long 610 64 HP $8,614

PRICES GOOD UNTIL MAY 31, 1982

ALLIS-CHALMERS ANNOUNCES

TRACTORS

AC 5050 Diesel	$13,900
AC 6060 Diesel	15,900
AC 6080 Diesel	22,800

Cash rebates available in addition to above prices

IMPLEMENTS

AC 2313 Disc Harrow	$3,650
AC 770 4R Planter (air)	3,900
AC 333 4R no-till Planter (plate)	7,400
AC 333 4R no-till Planter (air)	7,990
AC 333 6R no-till Planter (air)	11,400

USED EQUIPMENT

AC 7000 Tractor
AC WD" w/plows & cultivators
IHC 574 Tractor
IHC 2606 Tractor
Sunflower 14' offset Disc Harrow
IHC 400 6R Cyclo Planter

USED COMBINES

MF 410
MF 510
JD 7700
NI Uni System

Above prices are for "on hand" Merchandise only Call about other Equipment needs We can find what you want!
FOB-Herndon

MECKLEY'S GARAGE

758-3915 (717)
Herndon, Pa.

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ups United Parcel Service

M & R EQUIPMENT, INC.

NEW PARK, PA

Ph 717-993-2511 - 717-246-1972
(After 6 P.M. Call 301-452-8693)

PACE

SPERRY NEW HOLLAND SPERRY NEW HOLLAND

GREAT NEW SALES PROGRAMS HAVE JUST BEEN ANNOUNCED

INTERNATIONAL HARVESTER
12.9% FINANCING ON ALL NEW TRACTORS, COMBINES AND TILLAGE! OR CASH REBATES
WAIVER OF FINANCE ALSO AVAILABLE ON ALL IH EQUIPMENT!

NEW HOLLAND
FREE FINANCE ON HAY AND FORAGE UNTIL 10-1-82!
F.F. ON GRINDER MIXERS, SPREADERS AND SKID LOADERS - UNTIL 9-1-82!
OR 5% CASH BACK!

NEW EQUIPMENT IN STOCK

IH
1420 combine
1440 combine
5088 tractor
800 planters
435 baler
550 spreader
IH 730 plow vary width 4 btm
720 plow 5x20" - auto reset $6400
800 4-row planters - air or plate
5100 drill 16x7 plain
2250 loaders
810 header
820 header
944 corn head
13' 5500 chisels

NEW HOLLAND
311 baler
315 baler
#70 & 75 throwers
489 haybines
851 round balers
425 skid loader
L-35 skid loader
718 chopper
781 chopper
892 chopper
#8 crop carrier
OD 100 offset disc-12'
451 mower
513 spreader
519 spreader
363 spreader
474 haybine

SALE RENTAL

NEW HOLLAND L-35 LOADER wBUCKET
$9900 A real deal!

WE HAVE CUSTOM BUILT HAY WAGONS
Call For Price You Will Be Surprised
8 Ton Gear For $695 (No Tires)

SPECIAL - IH 720 PLOW
5x20" AUTOMATIC RESET (NEW)

6400
900 Less Rebate
$5500!!

USED EQUIPMENT

John Blue - truck mtd dry fertilizer spreader Excellent Cond 8 ton
IH 303 Combine, both heads, cab, very good shape
JD 55 combine, cab, both heads
"H" tractor parting out
IH 2400 Ind tractor diesel, 6 way hyd blade
Farmall Super C
IH 560 Diesel
NH 273 baler, like new
JD 2510 gas tractor overhauled
Hesston 9 Haybine, pt 10
IH B414 Diesel, 3 pt
NH 1002 bale wagon
IH 1150 grinder mixer
IH 440 baler w/thrower, nice, hyd bale tension
IH 449 4R planter - nice
MF 4R planter - 500 acres $1500
JD FBB grain drill - 13x7 - nice
Moline 15x7 drill - very good
IH 550 plow 5x16
IH 51 forage box w/roof, heavy gear
5' 3 pt rotary mower
NH 27 blower - rebu SOLD
IH #70 pull type plow 3x16", nice
New Idea 203 Flail Spreader
"MANY RECONDITIONED USED CADETS"

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

Ford Tractors Equipment · AVCO NEW IDEA · HESSTON

USED TRACTORS
Ford 5600 Dsl
Ford 3000 Diesel
Oliver 1955

USED TILLAGE EQUIP
Oliver 5 Btm auto reset plow
White 508 4B 18 Auto plow
MF 5B Semi Mtd Plow

USED HAY TOOLS
NH Super 717 Forage Harvester
MF Dyno Balance Mower
NH Bale Elevator

MISCELLANEOUS
Grain Chief 450 Dryer
N I 109 Fertz Spreader
200 gal Trailer Type Weed Sprayer
Cub Cadet 1650 Tractor w/Mower & Blade

COMBINES
White 8700 (1980)

USED PLANTERS
(2) White 5400 4R
IHC 56 6R
IHC 455 4R

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BALDWIN ELECTRIC MOTOR DIVISION, INC.
REPAIR & REWIND - ALL BRANDS
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Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
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JOHN DEERE — *Nothing runs like a Deere*

NEW EQUIPMENT WITH NEW WARRANTY SALE

	List	SALE
JD 850 tractor w dual outlets	$ 8,500	$ 5,800
JD 125 diesel skid steer loader	$18,500	$13,500
JD 2600 plow 4 18	$ 8 950	$ 6,000

NO TRADE ON SALE PRICES
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AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
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New - All Oak Bale Wagon Racks 16'L, 8'W 7'H, $440
20' Green chop feedir SOLD $440
16 oak wagon beds $170
16' tongue & groove wagon beds $180
6 ton wagon gears used tires $435
8 ton wagon gear, 8"rims used tires $495

While Supplies Last
Ivan Z. Hoover
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Oliver 5 Bot Semi Mtd Cushion Trip Plow	$895
AMCO Disk	$4495
Landoll 7 Tooth Chisel Plow	$1500
1 000 Lb Pressure Washer	$815
Century 295 AMP Welder AC DC (Demo)	$639
8 Ton Wagon Gear	$560
3 Pt Backhoe	Call For Price!

MARTIN HARDWARE & EQUIPMENT CO.
1½ M. south of Schaefferstown, Pa on Rt. 501
Phone 717-949-6817
Open Mon Fri 8 to 8, Wed 8 to 12 Sat 8 to 5

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JD 750
JD 1050
JD 2440
JD 2940
JD 125 Ski Steer Loaders Dsl & Gas
JD 125 Skid Steer Loader Gas $12 500
JD 90 Skid Steer Loaders

NEW MACHINERY

JD 445 Spreaders N T	$3975
JD 235 19 Disc	
JD 1207 Mower Conditioner	
JD 1209 Mower Conditioner	
JD 2700 5x18 Plow	
JD 1250 Plow 3x16	$1800 N/T
JD 1250 Plow 4x16	$2450 95
JD 7000 Conservation Corn Planters 4R & 6R	
JD 16x10 FF Drill	
JD 327 Baler w ejector	
JD 347 Baler w/ejector	

USED MACHINERY

JD 6600 Side Hi'l Combine w 15 platform 1978 model	$45,000
1 JD 55 Combine 235 C H and 12' Platform	$8500
1974 IH 100 Hydro Tractor Motor overhauled March 1981	
JD 2840 Tractor	$11,000
JD 2020 Tractor	$7500
AC 6080 Dsl Tractor 239 hrs like new	$19,995
IHC 1066 Diesel Tractor w cab air & heater	$15,000
IH 656 Tractor	$6500
JD 145 Plow 5B 16	$1800
JD 24T Baler w/#30 Thrower	$2725
2 18x4x30 8 Ply Tires and wheels for Gleaner Combine	
JD 800 SP Windrower	$3500
JD 150 Power Till Seeder	$4500
FH10 Hesston Stacker and Mover	$5995

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JOHN DEERE
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JD Agricultural Dealer and CP

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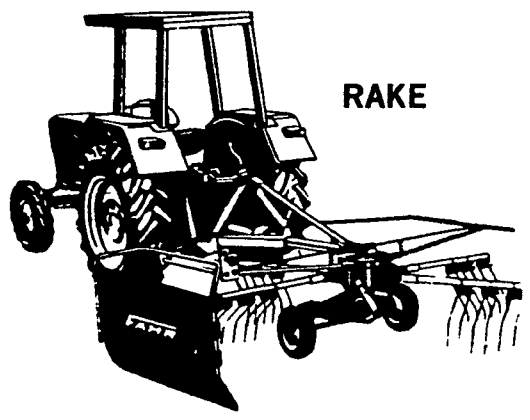


RAKE

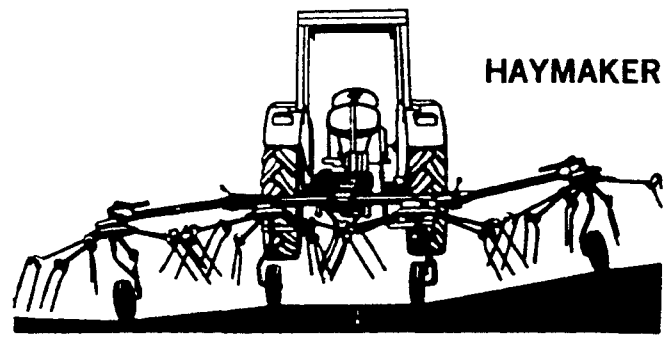
More leaves — less tangle.

The circular raking pattern of the Deutz-Fahr Rotary Windrow Rake gives you fluffy, tangle-free windrows that are easy to pick up Gentle handling saves leaves and stems for higher protein content in your hay

Stop in soon and check out the new Deutz-Fahr Rotary Windrow Rake See why Deutz-Fahr is the gentle power in the hayfield

Touches hay only once!

Two Models - 9'8" and 12' width.



HAYMAKER

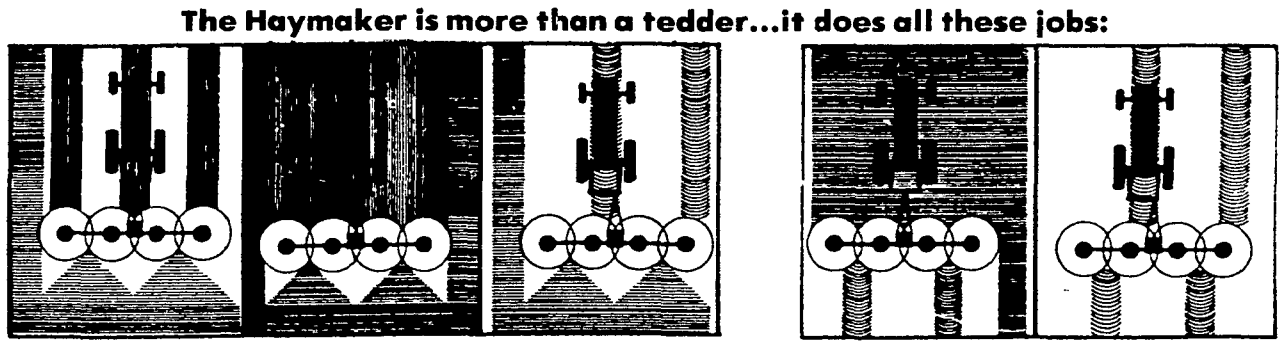
The hay's down and it rained.

The rains may soak your cut hay, but the Deutz-Fahr Centipede Haymaker can save your crop It lifts, turns, fluffs, spreads and flexes the stems to release moisture fast You get fast air-drying, save more nutrients and maintain hay quality

Two models - 9' and 17' width
Some farmers also use it as a rake

DEUTZ FAHR

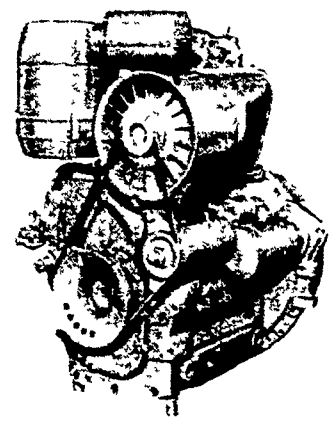
The Haymaker is more than a tedder...it does all these jobs:



Scattering | Tedding | Spreading windrows | Making windrows (with swath forming gear) | Turning windrows

Stauffer Diesel Inc.
New Holland, Pa. 17557
(717) 354-4181

NO. 1 DAIRYING DIESEL



Since 1968 F2L-912 diesels have earned the reputation as the most reliable diesel Don't settle for less

2 Cyl F2L-912 (New Style)

EASIER STARTING: Heavy flywheel provides easy starting. No electric heater plugs.

QUIETER: Runs quieter than most water cooled diesels. Very quiet exhaust.

F2L-912 SPECS: 22 Hp @ 1500 RPM
27 Hp @ 1800 RPM
34 Hp @ 2300 RPM

It has direct injection, lube oil cooling, and oil cooled pistons. This engine has proven to survive the extreme heat of a heavy load in a small engine house better than any other engine

PLUS - FAMOUS DEUTZ FUEL ECONOMY

Call For Used Diesel Engine Prices. In Stock From 20 to 150 H.P.

Stauffer Diesel Inc.
312 W. Main St. New Holland, PA
Ph: 717-354-4181
Retail, Wholesale & O.E.M. Sales

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

"QUALITY LATE MODEL FARM EQUIPMENT"

COMBINES

1978 Gleaner KKS2 w/Cab, 13' Grain Platform, Very Nice
1976 JD 4400 Dsl. w/cab, 1000 hrs., like new
1974 JD 4400 Dsl., Cab & Air, Choice of Heads
1975 JD 6600 Dsl., Cab, AC, Very Good, Choice of Heads
1975 JD 3300 Dsl., Cab, Air, Very Good, Choice of Platforms
1981 JD 4420 Dsl. w/cab & air, like new
1978 MF 760 Dsl. hydro, loaded, very nice
MF 410 w/cab, 13' grain platform, very nice
1976 JD 3300 Dsl., cab and air, very good, choice of heads
1973 JD 4400 Dsl., cab, choice of heads
1973 JD 4400 gas, cab, choice of heads
IHC 82 Pull Type, very nice

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

JD 4430 Dsl. Cab & Air Quad Shift 1976 Model Very Nice
JD 4230 Dsl. Cab & Air Power Shift
JD 4320 Dsl, WF, w/RG Cab
JD 4020 Dsl. WF w/RG Cab
JD 2520 Dsl. WFE
JD 3010 Gas Row Crop
JD 2020 Dsl.
JD 820 Diesel Utility 500 Hrs.
IH 1466 Dsl. WF
IH 1066, AC & Cab
IH 966, Cab
IH 766 Dsl. WFE
IH 24[SOLD]Loader
IH 1256 D[SOLD] 3 pt. & Dual PTO
IH 856 D., WF, w/Turbo
IH 460 Tricycle Good Rubber
IH 450
Oliver 2255, Cab, Cat. Dsl.
Oliver 1850D, WFE
Ford 5000 Dsl. Very Nice
Case 430 Utility 3 Pt. PS, Live PTO
AC 185 Dsl. 1975, 1700 hrs.

BALERS

JD 346 Twine w/Thrower
JD 336 Twine w/Thrower
JD 336 Twine w/Bale Chute
Gehl 1850 Round, Exc.

HEAVY DUTY DISCS

Hutchmaster 12' offset
Athens Rhino 11' Flex like new
IHC 760 12' Offset, excellent

MOWER CONDITIONERS

NH 479
JD 120[SOLD] new
NH 477 7 Ft.
Hesston 1010 Hydro Swing Mower Cond.

GRINDER MIXERS

NH 355, like new
Gehl 65
Artsway 320
Farmhand 1815

PLOWS

IH 720 5x20 spr. reset
IH 710 6x18 On-Land Hitch
IH 710 5x18 spr. reset
IH 710 5x16 sp. reset
IH 550 5x16
IHC 710 6x16 spring reset
IHC 720 6x18 Togle Trip
IHC 720 5x20 Togle Trip
Ford 3x16 Spring Reset
JD 1450 5x18 and 5x16
JD F145 4x14, 4x16 & 5x16
JD 2500 5x18 hyd. reset on-Land hitch
Oliver 6x18 hyd. reset

DISCS

JD 12'-14'-18' BWF Rock Flex Disc
JD 14' AW Disc
JD BWA 11'2" & 12'6"
JD 18' BW Wing Fold
JD 230 Hyd. Fold 22' w/cushion gangs
JD 3000 12' Double Offset
Case 56 Blade folding wing, dual wheels, like new
Sunflower 17' Hyd. center fold, very good
JD 11' RWA Transport

CORN PLANTERS

White 5400 6R air, dry fert.
JD 7000 4R Consv. Dry Fert. Insect. Pop Monitor.
JD 7000 4RW liq. Fert., Insect. & Monitor
JD 7000 4 R Wide and Narrow Dry Fert. & Insecticide, Min. Till Colters, Very Good
Minimum Till Attch. for 1240 Corn Planter

CORN HEADS

MF 24, 43, 44
AC F430, G430, C#430
AC KF330
JD 243, 244, 343, 344, 443, 444, 643
IHC 843

MISCELLANEOUS EQUIPMENT

JD RG 4R and RG 630 Rear Mounted Cultivators
IH 63 4R Rear Mounted Cultivators
JD16A Flail Choppers
JD 148 Loader, Indep. Control Valves
JD 146 Loader, Indep. Control Valves
JD 640 Rake, Teeth Rubber Mounted
20' Speed King Wheel Harrow
IH 18.38 Rr. Axle Duals
JD 300 Picker, exc. 2 or 3R Heads Avail.
NI Wide or Narrow 2R Corn Pickers
IH 2350 Mount-O-Matic Loader
Dunham Loader Q[SOLD]ach Dual Hydraulics
NH 770 Harvester 2RN C.H.
NI 324 2 Row Wide Picker w/Super Sheller, Like New
JD 35 Harvester, Choice of Heads
JD 13' Mulch Tiller, chisel plow, very nice
JD late model 21 double disc grain drill w/grass and attach.
Winpower running[SOLD] w/hoist
JD running gear w/hoist & grain body

GUNTHER HEUSSMAN INC.
So. 5th St., Emmaus, Pa. 18049 215-965-5203

NEW EQUIPMENT

TRACTORS

JD 650 MF WD
JD 850
JD 950 $6995
JD 2040
JD 2240 $12,995
JD 2440
JD 2640
JD 2940
JD 4240 w/SG & QR
JD 4440 w/SG & QR

TILLAGE EQUIPMENT

JD 215 11'5" Disc $4450
JD 235 19'11" Disc
JD RM4 cultivator
JD 2800 5B Plow
JD 1250 3B Plow

HAY TOOLS

JD 1209 Mower Cond. $6750
JD 1320 Mower Cond. (Demo) $8500.
NH 474 Haybine $5650
NH 258 Rake
Thrower for 320 Matthews 9E Rotary Scythe $4250
JD 327 Balers
NH 847 Round Baler $8950
NH 38 Crop Chopper $4995

COMBINES & HEADS

JD 215 Flex Platfrom
JD 444 Corn Head
JD 6620 Combine

OTHER EQUIPMENT

JD 75, 145, 148, 158, 260 Loader
JD 506 Mower
JD 965, 1065 Wagons
JD 78 Blade
JD 392 Spreader $850
NH 679 Spreader $6350
NH 14, 230, 234 Wagons
Century 300 gal. Sprayer $2700
Century 500 Gal. Sprayer $3200
Hub 36' Elevator $2350
DeLaval Manure Pump $4500

PLANTING EQUIP.

JD 7000 Consv. Pltrs. 4R & 6RN
JD 8200 Plain Drills
JD 8350 Fert. Drills

USED EQUIPMENT

JD 4230 Tractor w/RG $15,500
NH 791 Manure Spreader
JD 54 Manure Spreader
NH 276 Baler w/thrower
NH 320 Wire Baler w/hydraformatic & quarter turn chute

JD BONUS BONANZA ON HAY EQUIPMENT AND DISC HARROWS. ALSO TRACTOR BONUSES

SPERRY NEW HOLLAND WAIVER OF INTEREST ON MANY ITEMS JOHN DEERE

I. G. SALES
DeLAVAL JAMESWAY
Silverdale, PA 18962
215-257-5135
Quonset Buildings

WENGER'S INC.

251 S. Race St
Myerstown, PA 17067
Days 717-866-2135
Nights 717-866-7147
or 717-273-9089

CONSTRUCTION EQUIPMENT

FORKLIFTS
JD 2010 . . $5000
Int 340 . . . $5800
Yale 3000 Lb . $3500
Ford - 14' . . . $2900

BACKHOES
Long 3 pt Hoe-new . . $4500
Long 5 in 1 w/cab . $15,900
3 Pt. Backhoe . . $2400
IH Hoe Attach. $1800
IH 3800 4WD w/Cab . . . $9500
McConnell 3 Pt Hoe w/pump . $2650
Ford 4500 $7500

SKID STEER LOADERS
Case 1740 Diesel $6800
Melroe 500 $2900
Case 1816 - 400 Hours $3500

TRAILERS
1969 Great Dane 35 ton detachable $14,750
New 2X 4 Ton 1350
New 3x6 Ton $2000

MISC. CONSTRUCTION
(40) Used hoe buckets From $150
(25) Loader buckets From $95
(8) Set forklift forks . From $300
(6) Winches . Call
Adams Grader $2000

CRAWLER LOADERS
Cat 941 $16,900
Cat 933 $8750
JD 350 . $7500

TRUCK TRACTOR
1974 Ford Louisville Diesel $8650

LOG SKIDDER
JD 440A $8750

CONSTRUCTION DUMPS
(2) 1974 IH & Ford Diesels w/9' Bodies Air Brakes $12,900

White model 8800 self-propelled combine 1030 original hours, 6 row 30" head, 15' grain header, GM diesel engine, good condition, will finance
$25,000
215-458-8518 evenings

AVCO NEW IDEA

C.J. WONSIDLER BROS.

SPERRY NEW HOLLAND

BRANCH
Rts 309 & 100
New Tripoli, PA
(215) 767-7611
Mon-Fri 7 30 A M - 5 00 P M
Sat 7 30 A M - 12 30 P M.

★ 3 LOCATIONS ★
Trumbauersville to Finland Rd., Quakertown, PA
(215) 536-1935 or 536-7523
Mon Fri 7 30 A M - 9 00 P M
Sat 7 30 A M - 4 00 P M

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon Fri 7 30 A M 5 00 P M
Sat 7 30 A M - 12 30 P M

TRACTORS

MF 1100 D
MF 180 D w/loader
MF 180 D
MF 50
JD 3020 D
(2) JD 60
Farmall 560 D
Farmall 400
Farmall 460 D
Farmall H
White 2-50 D
Oliver 1850 D
Oliver 550
Oliver 55 D
Ford 800
Ford 8N
Case 630 w/loader
Case 300
AC 7050 w/cab
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 190XT D w/cab
AC 185 D
AC 180 D
AC 175 D
AC 5040 D
AC D19
AC WD45
AC WD

TILLAGE TOOLS

Oliver 6B Semi-mt Spring Trip
Oliver 5B Semi-mt Spring Trip
JD 13' Transport Disc
JD 12' Transport Disc
JD 10' Transport Disc
JD 9' Transport Disc
JD 10' Transport Cultimulcher
McConnell 16' Transport Harrow, Like New

COMBINES

Gleaner N5 w/15' floating grain & 630 corn heads.
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner FKS w/grain & corn heads
Gleaner AII w/13' grain & 2-row corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner E w/10' grain & 238 corn heads
JD 55 Corn Special w/cab, 12' grain & 330 corn heads
JD 55 w/grain & corn heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads
NI Uni-System 714 w/717 combine, 4-row corn head

MANURE SPREADERS

NI 214, Single Beater-EXCEL
NI 213 Single Beater, 176 BU
NI 218 Single Beater, 318 BU.
NI 516 Single Beater w/endgate, EXCEL
NH 365 Tank Spreader hyd lid, 6 TON
Hawk Bilt 255 Tank Spreader, 7 TON

SPECIAL NEW MACHINERY SALE

	List	CASH
AC 600 4-row Air Champ Planter	$8,000.00	$5,975.00
AC 600 6-row Air Champ Planter	11,000.00	8,900.00
Hanson 200 gal , 3 pt Sprayer	1,200.00	995.00
Hanson 200 gal , pull type Sprayer	1,770.00	1,575.00
Hanson 300 gal , pull type Sprayer	2,300.00	1,900.00
NI 299 9' Mo/ditioner	6,975.00	4,900.00
NI 299 DEMO Mo/ditioner	6,975 00	3,900.00
NI 272 Cut/ditioner	5,875.00	3,975.00
NI 279 Cut/ditioner	7,285.00	5,850.00

LONG WENGER'S INC.

OVER 100 TRACTORS SOLD THIS YEAR

251 SOUTH GRACE STREET
MYERSTOWN, PA 17067

DAYS: 717-866-2135
PHONE:
NIGHTS: 717-866-7147
OR: 717-273-9089

TRACTORS

FARMALL TRACTORS

Cub w/Fast Hitch - Nice $2000
C - Nice $1650
1086 Cab - Air - Nice $15,900
1086 ROPS - Nice $14,700
1066 Cab - Black Stripe . . $10,900
856D WF - 3 Pt. $9250
100 Hydro w/Rops $7950
Super M - Extra Nice $1950
560D $3500
F20 w/Loader - 1 Owner. . . . $1000
Cub w/Cultivator $2000
154 Cub w/3 Pt. $2500
240 w/FH $1950

JOHN DEERE

4430 Cab - Air - Syncro . . . $17,500
4430 Cab - Air - Quad $14,900
4020 Cab - Nice $9500
4520 - Nice $9800
4320 ROPS - WTS. $11,000
4320 . . . . . $11,500
4020 Powershift. $7800
5010 . . . . . $6500
3020D $5800
(2) 730D - WF - 3 Pt. $3700 - $4200
620 . . . . . $2500
2020D $5500
2510 - Diesel - Nice $6000
820 - 2 Cylinder $2900
720 Gas $2500

CASE

1370 - 20.8x38's $9950
1070 Cab - PS $7800
930CK - Cab - Nice. $6900
(2) 930CK - Standard. $2800
830 CK $3500
870 Gas $6950
VAC - Nice $1450
1030. . . . . $4900
800 - Gas w/3 Pt. $1650

LONG

310 - New $6900
310C - New. $6900
360 . . . . . $4500
560 4 WD $5350
610 4 WD - New $11,900

FORD

2000 w/Mower $3900
9600 DP - Wts $8900
6000D $2900
(2) NAA . . . . . $2500 & Up
8N - Extra Nice $2750
600 . . . . . $2750
800 . . . . . $3000
8N. $2000
5000 . . . . . $6900

MASSEY FERGUSON TRACTORS

1105 . . . . . $8800
175D - Nice $6900
1130 . . . . . $6500
135 - Nice $4500
180 - Gas $4850
50 - Diesel, nice $4500
Pony w/Plow $1375

4 WHEEL DRIVE TRACTORS

Oliver 1800 3 Pt. & PTO. . . . $4900
White 4-180 - 3 Pt. & PTO. $16,500
IH 4166 - Nice -
3 Pt. & PTO $12,950
Long 610 - New -
3 Pt. & PTO $11,900
Long 560 - 3 Pt. & PTO $5,350
MF 1805 - 3 Pt & PTO
& Duals - Nice - Low Hours $18,500

ALLIS CHALMERS

(2) D21 w/Cab - Nice $7500
7000 w/Cab Powershift . . $11,500
220 . . . . . $7950
C $950
G w/Plow & Cult $2000
WD w/Picker. $2500

TRACTORS - MECHANICS SPECIALS

Farmall 806D $3950
(3) Farmall 706 . . . . $3250 - $3750
Ford 800. . . . . $2000
Case 930 Standard $1500
JD R $1600
JD 4020D. $5750
JD 4430 Powershift $8750
MF 35 w/Loader $2500

OLIVER

1855 - Cab - 1700 Hrs. $9950
1650D - Nice $4950
2150 - New Paint $6500
Super 88D $1450
1550 Gas $3450

1980 CHEVY DIESEL PICKUP 25,000 MILES, Silverado Air, P. Windows & Door Locks, Tilt Wheel, All Options - 30 In All

$8495.00

DUMPS - FARM

1974 Ford Louisville 18' Omaha Dump w/Cattle Racks Diesel $13,950
68 Dodge Diesel w/16' Dump $5950

COMBINE CORN HEADS

NARROW ROW
IH 833-743-733-429-329
JD 643-443-343-434
334-313 335-243
AC 630-430-330
Oliver 703N-541-531
MF 63-43-33-421-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30 - 4x30

WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22
JD 434-334-234-210-205-10-344-244
AC 440-435-240-238
Oliver 544-531-522-512
MF 44-24-422 322 222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

CORNPLANTERS

AC 770 4x No Til w/Monitor $2900
JD 1240 Plateless $2750
Ford 4X $1000
IH 2xFH - Nice $495
MF 2x 3 Pt $850
JD 290 2x Pull $495
JD 2x 3 Pt Like New $950
(2) JD 2x3 Pt $695 & $795
AC 6x No Til $2900

CORNPICKERS & ATTACHMENTS

NI 325 (Late) w/12 Roll $6500
NI 325 w/8 Roll & Sheller $5500
NI 319 w/12 Roll $3000
NI 311- w/Sheller $1650
NI 323 $3000
12 Roll Bed For Pull $2850
Grinder For Pull $1675
Grinder For Mtd $750
Sheller For Pull $300-$1000
Sheller For Mtd $950
Super Sheller For Pull $1675
IH 234 Sheller Unit $950

NI UNI SYSTEMS

701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
Combine Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
705 Diesel w/cab - nice
760 Chopper
4x30 Corn Head

COMBINES - $2000 CHOICE

(2) JD 40 w/Grain
(2) IH 203 w/Grain (1) Cab
AC E w/Grain & Cab
AC CII w/Grain & Cab
AC AII w/Grain & Cab
Case 960 w/Grain & Cab
IH 303 w/Grain & Cab

HARVESTERS

(3) N H Super 717 w/2x40 or 1X $2250
NH 707 3 pt - 1x $1650
NH 890 - Long Tounge $3800
JD 38 $750
IH 555 $750
Gehl 300 w/2x30 $1000
AC 720 w/2x30 $1450
JD 3 pt 1X - demo $2500
(100) EXTRA HEADS ALL KINDS LARGEST SELECTION IN USA CALL

SPECIAL MENTION
JD 6600 D Combine $7500 FIRE DAMAGED, WILL SELL COMPLETE OR ENGINE ONLY -

"EXTRA CLEAN COMBINES"

IH 315 w/Cab $7000
JD 55 w/Cab. $9500
Case 660 w/Cab $3900
NI 705 D Uni w/Cab $15,000

SHOES ★ SHOES

MOSTLY LADIES, A LOT OF CHILDRENS, SOME MENS

6 Pairs for $24.95

SPECIAL PRICES BY 1000 PAIR LOTS
$1 00 PER PAIR IF YOU TAKE ALL

NEXT AUCTION: MON. JUNE 7

ROTARY MOWERS

4 3 pt Woods $695
8' Pull $875
Long Belly Mtd $875
MH Pony $295
1 Pt FH Mott $595
Ford 3 Pt Flail $695
IH for Cub $395
Mott For Cub $495
Terrain King 15 Wing $1675
JD 5'3 Pt $495
7' Pull - New $1795
6 3 Pt $475

DISC'S (MOST EXCELLENT)

IH 18' Wing $3900
IH 25' Wing $3900
IH Cub $250 & Up
Long 10 Offset $3900
Wilbeck 12 Offset $4500
IH 6' FH $685
(16) Wheel Disc s 8 to 15 Up to $1975

(2) MM 1200 Cornsheller Good Cond. - PTO
$3800 - $4500

CHISEL PLOWS

7 3 pt New $1095
13' 3 pt $1275
15' 3 pt $1495
4 Shank 3 pt Big $875
19' 3 pt $2000

MANURE SPREADERS

NH 676 Tandem $2850
IH Cub $650 Ave
(2) NI 14A $1000
NH Tank $1500
NI PTO $695
LOTS MORE CALL

POTATO EQUIP.

JD 2x Planter $500
1x Potato Plow $150
2x PTO Digger $750
1x Potato Planter $395

MISC. MACHINERY

NH Hopper Blower $495
JD FBB 17 Drill $1850
IH #10 16 Disc Drill $1800
Corn Drags $400
NH 33 Flail Chopper $775
Brady 4x Stalk Chopper $1350
Side Dressers Call
Spike Harrows Call
Spring Harrows Call
Lely 13 Roterra $2500
Belt Elevator (New) w/engine $750
Knoble 14 Wing Harrow 3 Pt $895
Waldon 10 Blade $2500
Nesseth P T O Manure Pump $3500
3 Pt Woodsaws $500 Ave
(2) Hammermills $395
NH Table Blower $395
16' Aluminum Elevator $200
Howard M100 Rotovator $2850

DUALS - 25 SET ON STOCK ALL KINDS & SIZES - CALL

CHUCK WAGONS

EZ 16 3 Beater Roof No Gear $2500
JD 214 $1850
Lamco 16' 3 Beater & Roof - No Gear $2350
(2) JD 216 w/Roof & 3 Beater $2200

CABS (NEW & USED)

MF 275 285 New $2250
MF 1150 New $2250
MF 1085 1155 New $2250
Ford 8000-9600 New $2250
Ford 5000-7000 New $2250
Case 930 1030 New $2000
IH Factory Used $1650
IH 06 56 Series Used $800
AC E' Combine - New $1250
IH 403 Combine w/Air $1250
AC A E CII Cabs $850
IH 203 Cab $850
NI 701 Uni Cab $850
Case 960 Combine $850
Cooler Unit New $500
IH 303 Cab $850
Rollbars Call

NEW SPECIALS

6 3 Pt Stone Rakes $495
8 3 Pt Blade Heavy $695
4 Landscape Box $375
5 Landscape Box $400
7 Landscape Box $500
165 Bu Gravity Bin $450
1200 Bu Corn Cribs $795
6 3 Pt Disc s $495
10 3 Pt Spike Harrow $495
14 3 Pt Spike Harrow $595
4 Pull Rotary $675
5 3 Pt Rotary $495
5 Pull Rotary $695
6 3 Pt Rotary $695
6 Pull Rotary $795
3 Pt Fert Seeders $395
8 Ton Wagons $550
10 Ton Wagons $625
12 Ton Wagons $975
Round Bale Feeders $145
3 Pt Boom Poles $49
Utility Trailer $495
3 Pt PTO Woodsaws $875
Post Hole Digger $495

CULTIVATORS

JD 8x3 Pt $850
JD 4x3 Pt $850 & Up
IH 4x3 Pt $950 & Up
MF 4x3 Pt $1250
Case 4x3 Pt $1250
(40) 1X & 2X on Stock

CORNSHELLERS

MM D PTO $795
JD 43 PTO $200-$500
MM 1200 PTO $4500
MM D Belt $495
MM 1200 PTO $3800

CULTIMULCHERS & PACKERS

JD 16 3 Pt Mulcher $1500
2 Dunham 12 Mulcher $695 & $2250
Dunham 10 Mulcher $2250
Dunham 16 Mulcher $2500
Bearcat 12 Mulcher $2700

FEED MILLS

NH 354 $3850

PLOWS - OVER 50 ON STOCK

AC 1x-2x 3x 4x
Ford 1x 2x 3x
MF 5x Reset
JD 1x 2x 3x 4x 5x 6x
Oliver 3x & 3x Rollover
JD 4x Reset
IH 1x 2x-3x 4x 5x 6x-7x
IH 5x & 6x Reset
IH 2x & 1X Rollover

HAY EQUIPMENT

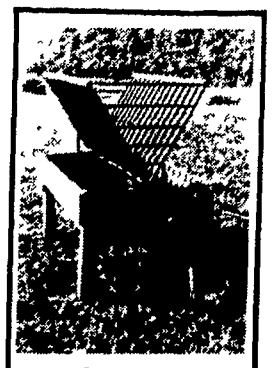
Hesston 10W Stack Movers $650-$850
JD 200 Stack Mover $2500
Hesston 30 Stack Mover $2500
3 pt Hay Rakes $595
NH 258 Rake $1250
NH 479 Haybine $2950
Hesston PT10 Haybine $950
Mayrath 32 Elevator $895
Zimmerman 32 Elevator $1295
Feeder Wagon $695
NH 66 Baler $800
Case 230 Baler $950
NH PTO Thrower $650
NH 68 Baler $600
(12 Sickle Bar Mowers Call
JD 336 Baler New $6250
Hesston PT 7 New $3650

SKID STEER LOADERS

Case 1740 Diesel $6800
Melroe 500 $2900
Case 1816 400 Hours $3500

COME TO THE PEOPLE THAT DO BUSINESS

FARM EQUIPMENT



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IH Super C w/cult
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IH 806
IH 706
IH 674 D
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IH 656 Gas Farmall
IH 606 D
IH 544
IH 454 Dsl
IH 330
IH 06 Orchard Tractor w/Fenders
Case 800 D
Case 830
JD 70 Skid Loader
Case 1845 Skid Loader
Case 1816 Skid Loader
#10 Hydra Mac Skid Loader
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AC B w/Culti , Plow & Mower
Oliver 1750 Dsl New Tires
Ford 961

Long 350 Tractor
w/500 Hrs
IH 3514 Loader, Backhoe
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IH 710 4x16 Plow Reset
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MF 4 Row Cultivator
IH 19B Disc
IH 9A 8' Disc
IH 9A 11' Disc
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IH 45 9' Vibra Shank 2 pt hitch

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IH MF 16x7
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737 Husking Bed
726 Husking Bed
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770 Feeder House
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NI 324 Corn Picker
Oliver #5 Corn Picker
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NH 676 275 Bushel
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42' w/PTO drive — SALE $ 2,550

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4 Wheel, 3 Pt , list $1100 — SALE $ 900

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5 Wheel, 3 Pt , list $1375 — SALE $ 1,100

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26" blades ¼" thick, dual wheels w/new tires, furrow filler w/blade, hyd cyl hoses & fittings, set up, list $8031 — SALE $ 6,225

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18' folding, 3 pt hitch, less cyl , list $2150 — SALE $ 1,250

IH 315 20' PACKER MULCHER HYD FOLDING
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Cab w/AC, 16 5Lx16 1 6 plys, 6 70x15" 4 plys, counterbalance weight, 12 single auger header, bottom plate, tall crop divider, skid shoes, gauge wheels, A&H — Call For Price

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4 Speed, single cyl , Briggs & Stratton, hand lift, 44' mower FREE — SALE $ 2,669

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1209 Windrower
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(1) JD Late A
(1) Farmall H $750, $850
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IH 205 2 heads
Gleaner C2 two heads
Gleaner C2 one head
MF 300 $2000
MF 300 w/cab $2500
MF Super 27 Clean $850
AC 66 pull
IH 203 10 , PS $2100
JD 30 auger feed, pull

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IH 1290 12 head
Hesston 12 hydro swing $1650
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IH 990 9
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IH 403, will fit 203, 91 205, 315
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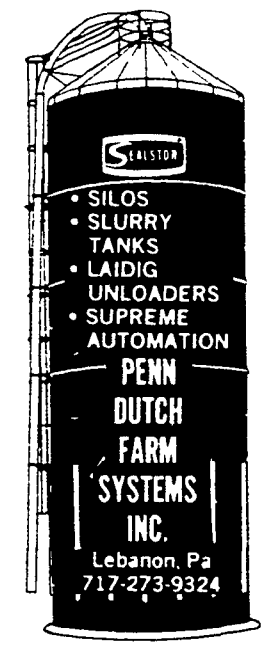

SILOS & UNLOADERS

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SEE PAGE C4

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NH #230 Wagon, 8 rims, standard tongue, 1 only	$620
NH #303 Liquid Tank Spreader (Demo)	$7660
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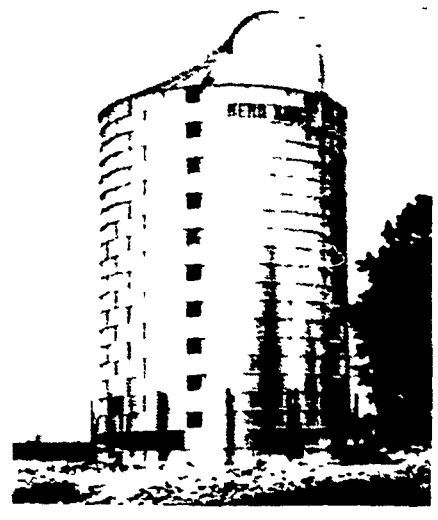

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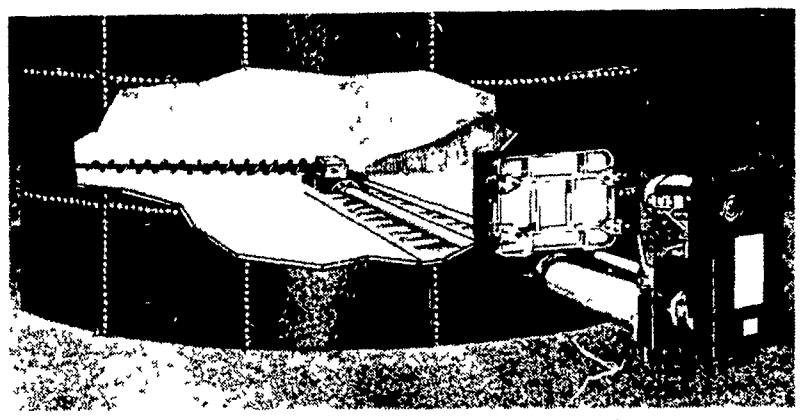
LAIDIG 43R



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For metal structures up to 20' in diameter

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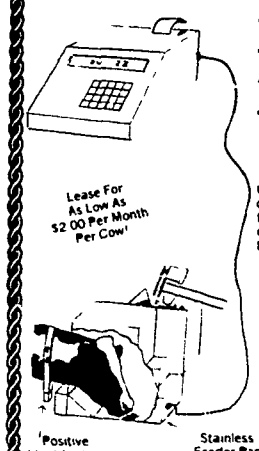

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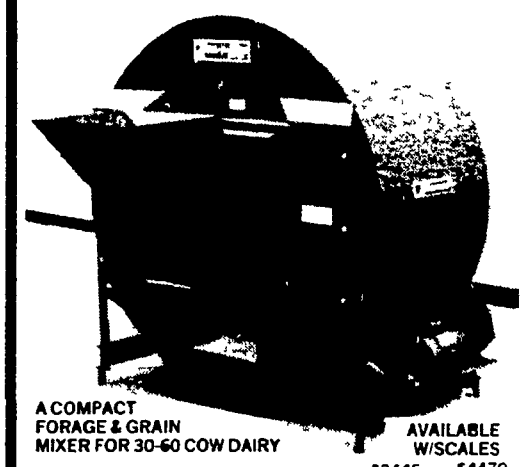

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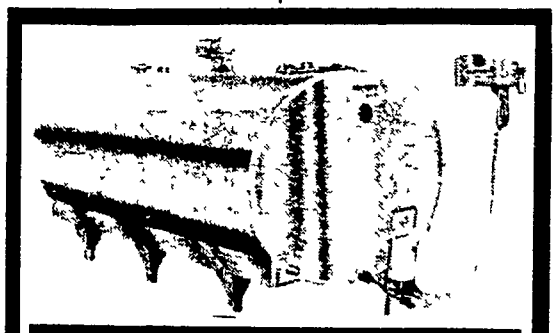

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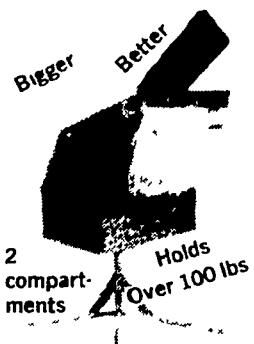

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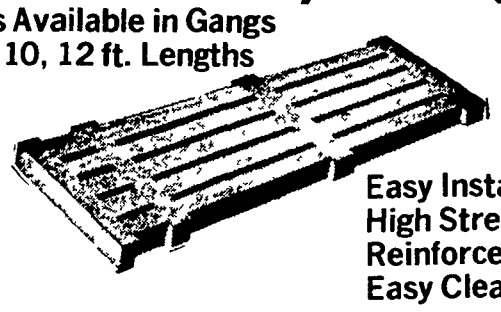

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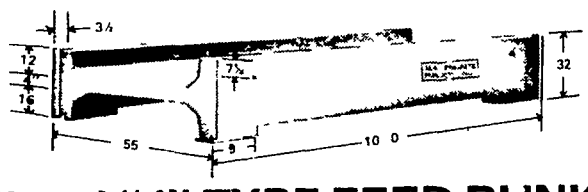

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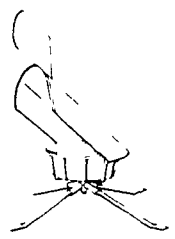

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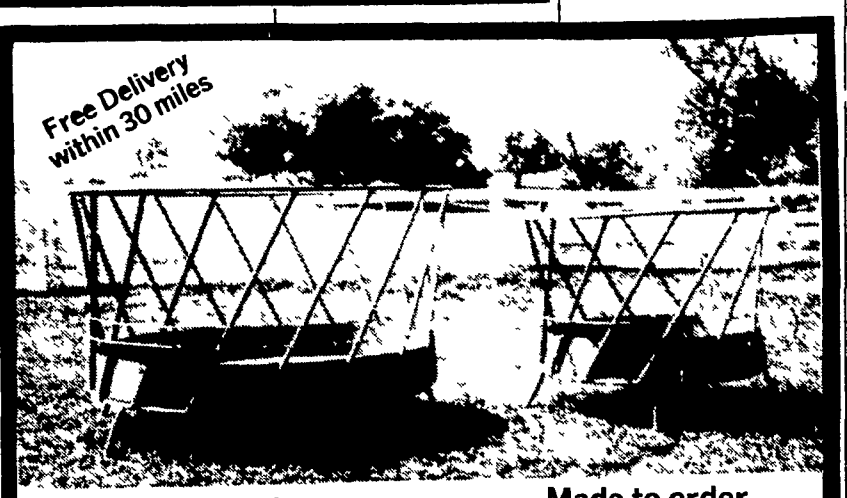

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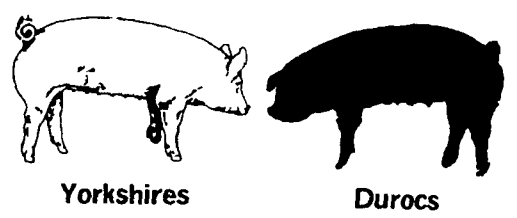

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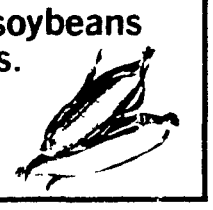

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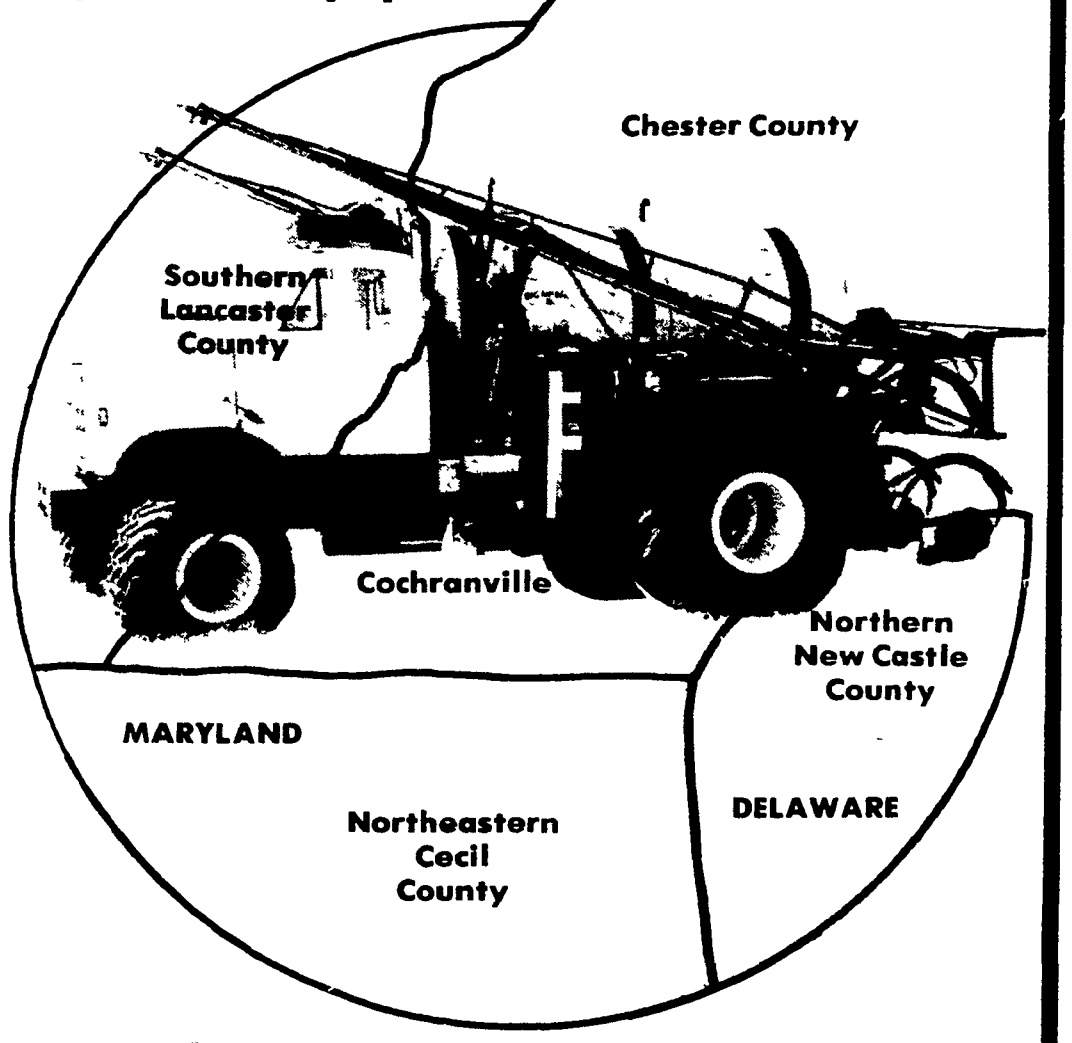

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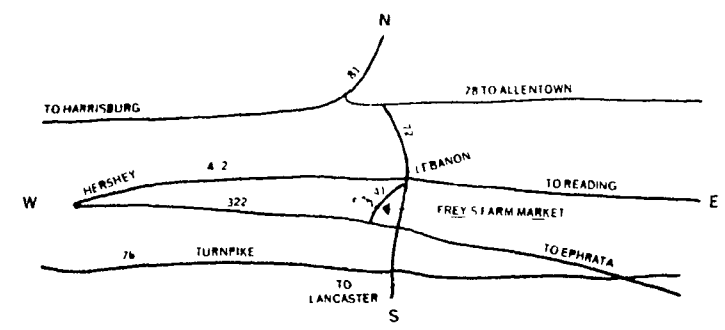

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Reduce losses and promote herd comfort with regular hoof trimming

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2 CRANES AVAILABLE

1 15 Ton w/120' boom and 20 bed for hauling up to 7 tons material $40/Hr w/Operator

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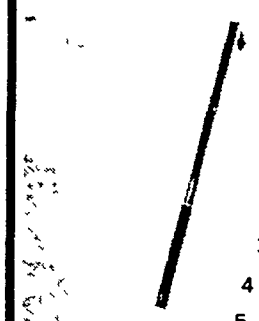

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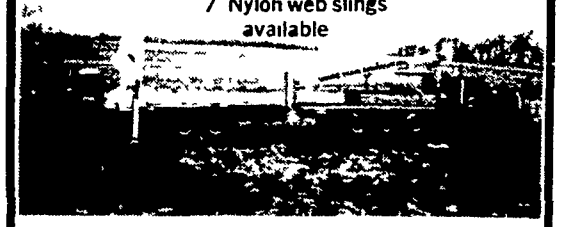

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With cows hooves
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4 years experience in Turkey Hill Dairy Herd.
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HAVE COMBINE WILL TRAVEL IN EASTERN BERKS CO.
Northern Montgomery Co. Southwest Lehigh Co., Northwest Bucks Co.
Call Between 6 and 9 PM
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HELP WANTED

Herdsperson for 100 cow dairy Good pay and working conditions House and utilities furnished and other benefits Experience a must Call evenings between 8 and 10 301 758-0614

Wanted 4 experienced carpenters to dismantle 44x300 ft 2 story chicken house and reconstruct on my lot within next four months Write Box 366 R 14 c/o Lancaster Farming Lititz PA 17543

Help Wanted Experienced single Christian person for dairy farm May live in Lancaster County 717 653 5811

Summer job opportunity single person to milk Registered Holsteins and do general farm work Keystone Farm Easton PA 215 258 0788

SERVICES OFFERED

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- Pole Barn Buildings
- Cow Stables
- Block Buildings, etc.
- Cement Work
- We Also Do Repair Work

STEPHEN F. FISHER
RD #1 Box 174
Strasburg, Pa 17577
717 442 9513
after 6 p m
No Sunday Calls

HELP WANTED

Young married experienced individual to help manage and work a Chianina Angus herd and a small farrow to finish operation in Central PA 814 238 1238 after 6 00 P M

Cook to live in own quarters in cottage beside main house pleasant country position 2 in family, other help comes in must have good references 215 347 2186

Live in companion for elderly lady light housekeeping, no cooking Reply to Lancaster Farming P O Box 366 R 13 Lititz PA 17543

Young couple anxious for employment on registered herd farm 10 years experience in operating own dairy farm Experience in AI herd health record keeping showing and management of employees Call 301 885 5195

Herdsperson for 70 cow herd ½ Registered stall barn milking and feeding Housing and salary negotiable Ken Roberts R D 2 Box 70 Good Hope Rd Landenberg PA 19350

Dairy couple experience working as team in milking parlor housing furnished 215 766 8504 between 6 30 and 8 p m

Experienced farm help fulltime summer and permanent positions available 201 832 2905 between 4 and 8 30 P M

Organic gardening tree and grain cropping maintenance Good house & work conditions References requested Married couple preferred P O Box 155 Dickerson MD 20842

Farm hand needed for grain and vegetable farm in Md Home available Permanent position for person w/desire and ability to work Call 301 272 2620 after 6 P M

Wanted married person to work on poultry farm Must have experience operating farm equipment and truck driving Must be mechanically inclined be able to do repair and maintenance on poultry and farm equipment Good salary and benefits and modern house provided This is an exceptionally good opportunity for the right person Send reply to PO Box 366 R 9 c/o Lancaster Farming Lititz PA 17543

Good opportunity for person who likes cows, 100 cow dairy with parlor, milking and some field work Modern house located on farm Good wages for experienced person

Write Box 366 R-10
% Lancaster Farming
Lititz, Pa. 17543

TRUCKS & TRAILERS

HELP WANTED

Experienced farmer to work w/small beef herd general farming good opportunity for experienced person Berks Co send replies to Lancaster Farming P O Box 366 R 8 Lititz PA 17543

Ams oil dealers wanted 717 626 5693

SITUATIONS WANTED

Aggressive mature man desires opportunity to work with successful Agri Business organization in Southeastern Pa area Would consider partnership or shareholder Has 29 years experience in sales and territory manager, office manager purchasing etc All inquiries will be answered Write Box 366 J 235 c o Lancaster Farming Lititz Pa 17543

Young married couple seeking position on dairy farm Wife will help Also want field work Prefer south east Pa Call 215 689 9254 after 5 p m

Middle aged married man desires farm work I am well experienced in dairy farming and other types of farm operations Have a dairy specialist degree Write P O Box 366 R 16 c/o Lancaster Farming Lititz PA 17543

Mechanically minded teenager desires summer farm work, room and board Richard 301 523 7895

Looking for full time farm job with house provided 5 yrs experience 215 689 9163

Young experienced farmer needs job on beef or dairy farm Must have house Salary utilities supplied Knowledgeable in all phases of machinery and farm repairs Call Bruce 201-459-4324

Husband/Wife team w/B S in Dairy Husbandry experience in breeding A I nutrition calf care and all areas of dairy production seeking working management position willing to relocate Resume and references available on request Send replies to Lancaster Farming P O Box 366 R-17 Lititz PA 17543

TRUCKS & TRAILERS

HELP WANTED

Person w farm background to service hogs on contract farms About 20 hours per week Hess Mills 717 442 4183

Wanted A christian woman to do general housework Call 717 367 6935

HORSE FARMER

Good opportunity for conscientious person on small farm near Darlington Maryland Market breeder of thoroughbred horses needs person with many years experience to take care of mares and foals Also to help in farming Permanent Modern fully air conditioned home available for small family

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Darlington, Maryland 21034

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Established market will furnish leads and sales help
Call
AMERICAN AG-BAG INC.
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and weekends
Call Frank Walters
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TRUCKS & TRAILERS

For Sale 1974 Kenworth cabover excellent shape 215 562 7776

Bids being received on 1972 Chevy ¾ ton pick up with 32 reach Dura lift bucket lift Tool boxes on pick up sides Bids closing 5 28 82 201 735 3329 Mr Brower 8 5 Mon Fri

TRUCKS & TRAILERS

1973 International w 22 tilt bed and loading winch $4750 717 865 6710

Utility Livestock Trailer with removable top great for hauling small machinery as well as cattle $1995 00 Hostetler 717 667 3921

STORAGE TRAILERS FOR RENT Delivered to your site economical 301 771 4529 or 717 354 7006

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64 Ford dump truck small V8 5&2 spd trans 26 000 GVW $1500 215 445 6541 after 5

For Sale Int R220 lime truck with 10 New Leader lime box runs well Int Load Star 1600 chassis Call before 9 P M 215 756 6320

18 flatbed truck body aluminum diamond plate floor excellent condition 55 gal saddle tank like new Berks 215 374 6490

Cattle truck 79 Ford F 600 16 ft bed low mileage 717 687 7475

For Sale Ford cabover silage truck w Badger box okay 717 653 5663

75 GMC ½ ton pickup step bumper 350 V8 3 speed excellent condition $2 400 72 GMC Blazer 4 wheel drive 350 automatic good condition $1 595 215 383 5179

1980 Chevy Big 10 custom 15 000 miles 350 auto radial tires ex cellent condition $6500 717 752 7131

1962 GMC truck 21 000 GVW 14 dump bed $2500 Lanc 717 665 5471

Int 1800 1971 393 5 spd ps 10 00x20 22 livestock body good condition service records available 215 497 2670 eves

Ford F750 73 tilt cab truck w/24 livestock body good condition w new engine 10 speed new tires air brakes sleeper Must sell $7 500 301 464 2574

1980 GMC 7000 only 8 000 miles with 20 Eby Aluminum cattle body Pression made for double deck partion 717-872 5486

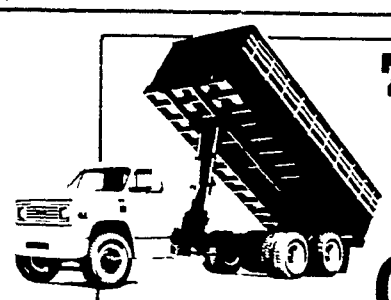
For Sale 1979 Chevy 4 wd pickup truck 350 engine 717 362 9233

1970 Gindy open top van 40 x12 x6 10x20 rubber, exc condition 717 299 3001

For Sale C700 Dodge equipped with 16½ ft Mid west type grain body and hoist excellent shape Phone evenings 717 568 7271

1970 White 9000 single axle w/318 Detroit engine and 13 speed trans 10x22 tires and wetline $4 500 or best offer 215 369 1211

1968 Mack F 600 1974 Steco dump trailer 1961 Steco dump trailer parts for a 535 Cummins engine crankshaft heads & rocker boxes & alternator & manifolds and Pistons rods 22 truck tires and rims some 20 717 244-6703



Tough, Dependable Farm Bodies & Hoists
Omaha Standard

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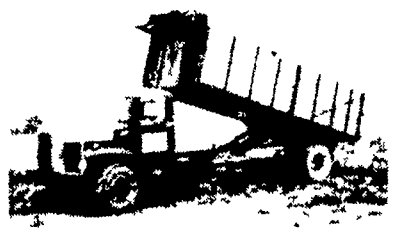
TRUCKS & TRAILERS

1967 Diamond Reo truck tractor, Cummins 220 5 spd trans , 2 spd rear, 10 00x20 rubber (good), good shape asking $3000 8 5 717 786 3521, 786 7774 after 5

TRUCKS & TRAILERS

2 Dahlman potato bulk bodies on Dodge trucks complete with transfer cases Bodies like new Reasonable 609 259 2207



1972 DIAMOND REO

Gold Comet 200 engine, low mileage, 5+2 trans. 192" factory W/B, P/S, air brakes, 10x20 tires, 33,000 GVW Deluxe Cab & Interior, with 19' Hay & Grain Flat bed dump w/25 ton hoist and cattle racks Very good condition **Reasonable Offer.**

Nathan Hawbaker — **Phone 717-264-8656**

TRUCKS & TRAILERS

1968 Ford F 600 A 1 condition, new paint, 21,000 GVW factory knapheide, flat bed $2900 717 369 3386

1967 Chev truck, gas, 5 spd , 25D rear, new paint inspection, 900 20 tires 717 367-6496

1966 D R 335 V 8 gas, 5+2 speed rear, 20 yard leach body, 1966 D R 6V71 Detroit 5+4 trans , $38,000 rears, 25 yard Pack more body, 1960 Ford 477 gas, 8 speed S A dump, Call after 6 717 292-2625

75 GMC dump truck 11,000 lbs GVW PS/PB good condition 717 786 4108

Wanted Used aluminum 20 or 22 grain body with or w/out hoist 703 879 9873

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717 838 1888 anytime
717-469-0937 daily

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New 12 Gooseneck Grain Trailer with hoist 2 axle single wheel 5 ton payload $4685 Hostetler 717-667-3921

Energy Hyd truck hoist Sales & Service Anderson's Repair Shop, Rd 1, Felton, PA 717 244-2039

'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10 20 radial tires, sliding 5th wheel, PS, $9,500 215-286-9510

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TRUCKS & TRAILERS

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AUTOMOBILES

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1977 Pick-up D-150 SE regular gas.
1981 B-350 Maxi Van 15 Passenger, Like New. Double heat & double air. Special Edition, fully equipped, 8000 mi.
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Route 230 East Next to Shopping Center
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PHONE 717-367-1808

For Sale - 1977 Chevy Nova 305 V-8 3 spd on floor, very good con dition 717 362-9233

1974 El Camino full equipped Good running condition 717-993 2155

For Sale 1 set of mag wheels & tires $100 717 362-9233

RECREATIONAL VEHICLES

For Sale - 1980 Suzuki dirt bike, DR-370, 4 stroke excellent condition 717-362-9233

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2½ ton, 5 sp high-low range Army trucks, 1 gas, 1 diesel, 9 20 tires, tandem axles, $3400 gas, $4200 diesel 609 769-3183

For Sale Used 12 van body, Used 21 wood livestock body 10' & 17' used Wood livestock bodies Used Veterinary body for 8' pickup bed M H Eby, Inc , Blue Ball 717-354 4971

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Used 15 Car Utility Trailer $895 00 717 667 3921

TO HAVE YOUR TRUCK CHASSIS FRAME LENGTHENED OR SHORTENED
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Columbia tube boiler made in Pottstown, PA, like new, summer winter coil, size L-24 oil fired hot water BTU 24,300, some used base board copper radiators Frank Hodick,, RD 1 Box 163, Douglassville, PA 19518 Tel 215-385-3489

Wanted - rejected milk Sale - '63 Econoline ½ ton 1968 Chev stick shift. This ad appearing monthly in mailbox market Chester Co 215-347 2232

For Sale Oak and Hemlock fence boards, sawed locust posts Oak, poplar, white pine and hemlock lumber Moyer's Sawmill 717-867-5316

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Miscellaneous V-Belts
3V, 5V, 8V and A thru D
Call 717-656-2411 for sizes

Belts are available due to obsolete equipment
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D.M. STOLTZFUS & SON, INC.
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HOUSEHOLD GOODS

For Sale Prizer Cook Stove, excellent shape 215 593 5754

MOVING SALE 14 3 cu ft no frost Whirlpool refrigerator/freezer, White, mint condition $400 negotiable 1 green/white short shag carpet approx 11'9'. 1 beige pile rug approx 4'x6', make offer Phone Karen at 717 626 1164 8 5 or 717 627 5924 after 5 30

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FOR SALE New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture Open 7.30 to 4 30, Saturday, 7 30 to 12 00, evenings by apointment Myer's Washer-Dryer, Rt 772, between Brownstown and Leola 717-656-7169

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Parking or tennis court lighting, two 32 ft tapered steel lighting poles and 4 1000 watt mercury light fixtures and ballasts $1000 Telford, PA 215 723 7483

Approx 5½ acres pasture for rent, west of Millersville, Lancaster Co 717-872-6798

For Sale - One used Hussman walk-in cooler, 10'x14', Copeland compressor (2 HP) w/meat track and hooks (3 phase electric) One used Hussman walk-in freezer clock (3 phase) Items were used in a retail meat operation Best offer Contact during the day 215-367-6971 Mr Rush or Mr Scheetz

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& Quilts made to order to your specifications
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4 WHEEL DRIVES

1980 Ford F150 Ranger XLT, Short Bed, Step Side, 302 V8, 4 Speed, PS, PB, AM Radio, Lockout Hubs, Sliding Rear Window 28,000 Miles — $7495

1979 Ford F150 Super Cab, 400 V8, 4 Speed PS PB, Lockout Hubs, 6400 GVW, 34,000 Miles — $7495

1979 Ford 150 Custom, 351 V8, Auto , PS, PB, Air Cond , AM Radio, 35,000 Miles — $6995

1979 Dodge Club Cab Short Bed, 360 V8, Auto , PS, PB, Air Cond , AM-FM, Adventurer Package — $7495

1979 Subaru Brat, 4 Cyl , 4 Speed, AM-FM, Rally Wheels, 1 Owner — $5895

1979 Int. Scout II, 4 Cyl , 4 Speed, PS, PB, AM-FM & Cassette, Sun Roof, White Spoke Wheels, Rust Proofed, Lockout Hubs, Very Clean — $5995

1978 GMC Jimmy High Sierra, 350 V8, Auto , PS, PB, Air Cond , AM-FM Stereo, Trailer Special, Side Pipes, White Spoke Wheels, All Black w/ 38,000 Miles — $6995

1977 Chevy Suburban, 305 V8, Auto , PS, PB, AM Radio, 40 Gal Fuel Tank, Dbl Doors In Rear — $5495

1977 Dodge Power Wagon Short Bed, 318 V8, Auto , PS, PB — $4495

1968 Ford F250, 4 Speed, 360 V8, AM FM & 8-Track, Lock out Hubs — $1995

VANS

1981 Ford E-150 Cargo Van, with Windows, 300 6 Cyl 4 Speed, Overdrive Trans , PS, PB, AM Radio, 138" Wheel Base, 24,000 Miles — $6995

1978 Chevy ½ Ton Panel Van, 250 CID 6 Cyl , 3 Speed, St Shift, Gauges, 29,000 Miles — $4895

1977 Dodge Maxi Window Van, 318 V8, auto , PS, PB, radio, 42,000 mi — $4295

1973 Dodge Panel Van, 318 V8, Stand Shift, Carpeted Interior — $2495

DUMP TRUCKS

1975 Int. 1800 Series, 392 V8, 5 Speed, 2 Speed Rear, PS, Air Brakes, 30,000 GVW — $6995

STAKE BODIES

1979 Chevy C-30, w 12' Midwest Body, 350 V8, 4 Speed, PS, PB, Posirear, Dual Wheels, 10 000 GVW — $6995

TRACTORS

1970 GMC Twin Screw Tractor, 8 Speed, Road Ranger, with Splitter, Completely Majored 238 Dsl , with 10,000 Miles, 38 000 ID Rears, Exc Condition — $8995

PICK UPS

1981 Ford F100, Custom, 4 2 Liter, V8, Auto , PS, PB, AM-FM, 12,000 Miles, 2 Tone Silver and Maroon — $7995

1980 Chevy C10 Custom, 260 6 Cyl , 3 Speed, AM Radio, 20,000 Miles — $5995

1980 Chevy C10 Custom, 6 Cyl , 3 Speed, PS, AM-FM & Cassette, 36,000 Miles — $5295

1980 Chevy C30 Bonanza Camper Special, 350 V8 Auto , PS, PB, Air Cond , AM Radio, Dual Tanks, Z-Bart Rust Proofing, 9,000 GVW 12,000 Miles, like new, 2 Tone Paint — $8995

1979 Chevy LUV, 4 Cyl , 4 Speed, AM Radio — $3995

1979 Ford F150 Super Cab, 302 V8, Auto , PS, PB, AM-FM Stereo, Bench Seat In Rear, 31,000 Miles — $5995

1979 Plymouth Arrow Sport, 155 CID 4 Cyl , Auto , PB, AM-FM Stereo, 29,000 Miles — $5495

1979 Ford F100 Custom, 351 V8 Auto , PS, PB, Air Cond , AM Radio, Dual Tanks, 28,000 Miles — $5995

1979 Ford F250, V8, Auto , PS, PB, AM Radio — $5295

1978 Ford F150 Custom, 300 6 Cyl Auto PS PB, AM Radio — $4995

1978 Chevy C20, with Reading Utility Body, 292 6 Cyl , Auto , PB, New Paint — $4895

1978 Ford F250, 400 V8, A, PB, AM Radio 6800 GVW — $4995

1976 Ford F250 Custom 360, V8 4 Spd , PS, PB — $2995

1975 Chevy C30 Crew Cab, 350 V8, 4 Speed PS, PB, AM-FM Radio, Frame Hitch & Brake Package for Camper — $3495

1973 Ford F100 Ranger, 302 V8, Auto , PS, PB, Cap — $1695

1970 Ford F-100, 360 V8, 3 Speed, AM Radio — $1495

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MIKE RHODES & CO.
"THE TRUCK PEOPLE"
Rt 663 & Swamp Pike, Gilbertsville, Pa.
Area Code 717 or 215 Call Toll Free
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or 215-327-1380

For Rent - 2 bedroom living quarters w/nice facilities to keep your horses References 717-354-0273

1½ story farme cabin w/all facilities on 1 45 acres in Lack. Twp., Juniata Co., PA, furnished, fishing, hunting and relaxation Low 30's Call 717-436-8221 Mon - Fri 8 30 A.M. - 5 00 P M

For Rent - Loafing pen, heated water, attached feed room and 12x30 silo. Accommodates 30 heifers 717-394-5228

PETS

Doberman and Rottweiler Wonderland, over 100 puppies and adults for sale. Champions at stud. 215-933-3600.

Wanted. Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947 215-766-8802

AKC Airedale Terrier breeders 3 and 4 yrs old must take all. Also puppies available 717-629-1806

AKC Great Dane puppies, fawn, male, 8 wks., exc bloodline, $250 717-392-4380

WANTED TO BUY PUPPIES

In litter lots-purebreds and half breeds. For resale in my pet shop. Cash money paid Will pickup.

Call Charles Hackett
215-229-0449

REAL ESTATE

120 acre farm for rent or sale Cumberland Co., 4 bedroom house all improvements, 3 bedroom mobile home, bank barn, for beef sheep or hogs Plenty of water for pasture or irrigation. 717-249-1165 after 5 00 P.M

Half of a farm house for rent, 2 bedroom, middle-age couple Manheim area Reply to Lancaster Farming, P O Box 366 R-15 Lititz, PA 17543

Must sell by June 30, 1982. 200 acre farm. Excellent for hogs, cattle, horses, sheep or development Gas under and mineral rights go to purchaser Joins State Game Land offering excellent hunting. 814-623-9223

REAL ESTATE

For Sale by Owner - 145 acre farm, 53 acres tillable, balance pasture and woodland with mostly hardwood timber, bank barn, house with modern facilities, never failing spring 20 miles north of Williamsport, Pa. along Route #15 Buildings 4/10 mile from highway creating privacy and seclusion, price is negotiable, call or write to J. LaRue Weaver, RD #1, Box 246, Trout Run, Pa 17771 717-998-2263

Columbia County, 188 acre farm, owner financing, house, barn, utility buildings, good condition Immediate occupany $175,000. Stephen's Associates, Real Estate, 215-777-9816

UNITED FARM REAL ESTATE — COAST TO COAST — SINCE 1925

#181 Revive this 11 acre farmette with 5 bedrooms, 2 baths stone house, 90'x35' barn with stalls for horses, dog pens, and lots more. Move in for $53,000 (Juniata Co.)

#175 130 acre general farm in Snyder Co. 4 bedroom home, spring, stream, good farm buildings $150.000.

#172 Exceptional farmette of 6+ acres, remodeled home, pond, stream, garage, horse barn - all in very good condition for $58,500. (35 miles from Harrisburg).

#117 Value packed 112 acres near new dam! Buy barn, pond, stream, wells and 31 acres of woodland on this parcel for $99,000. Only $25,000 down payment!

#166 Dairy farm, good structures and 4 bedroom home in Mifflin Co. River frontage with 80 acres tillable (102 acre total). All for $200,000 or owner terms.

United Farm Agency Of Pa. Inc.
717-658-5125

PETS

PETS

Free Jo Jo Caps For Customers!
P.S. If you're a Chestertown neighbor of mine, stop by for a cap. I'm there most Friday mornings 9-12. I'm located 5½ mi. east of Chestertown on MD Rt. 291 (North side of the road) Phone 778-6666

"Jo Jo the Dog Man"

I need nice Shepherd, Collie & Terrier pups. Also - cute Peek-A-Poos, Cock-A-Poos and anything cute & shaggy.

I need good healthy, clean pups, pure & mixed breeds, 6-8 weeks old. Offering extra high cash prices. Baskets of cash waiting for you! at

Root's Farmer's Market
RD1 Manheim
Every Tuesday 5 PM - 8 PM
(no phone calls)

REAL ESTATE

BAUGHMAN REALTORS 45 acre Amish farm, hogs, beef, and tobacco. 38 acres tillable, 7 pasture acres w/spring. 4 BR house shaded by 7 large maple trees (201858) PLUS about our 146 acre farm (103526) and our modern hog operation Amish 69 acre farm (200598) 717-741-4671

JUST LISTED 120 acres, mostly open, very good 2 story barn with 57 stalls 18 x 50 silo w/unloader 4 unit pipeline, mow conveyor, many extras Low down payment. Excellent owner terms. Priced at $115,000 600 ACRES, 300+ tillable, 3 large ponds, long road frontage No buildings Excellent investment at $370. per acre Liberal terms Many others. Free Catalog 140 East Main, Cobleskill, N Y 518-234-4371

For rent or sale - 38 acre ranch, 30 acres, tillable, 9 rm house with hot water baseboard oil heat, also woodburning stove, exc outbuildings, good fences, 2 springs, well, pond, road frontage, Huntingdon Co Available June 1 For more info call Floyd Kramer 814-447-3293

JUNIATA CO., 327.6 Ac., 5 rm rancher, bath, elec heat, fireplace, other building, marketable timber, 1 mile road frontage, $225,000, OR all buildings & 100 Ac $110,000, OR 227 6 Ac of land $138,000, OR 100 Ac of land $60,000 Owner Financing
HUNTINGDON CO Tuscarora Resort, 3 Ac., 1½ sty brick home, bath, oil heat, 50x80 Recreation Building, ideal property for camping business or other commercial enterprises, $110,000
PERRY CO., 42 Ac Farm, 10 rm 2½ sty home, 5 BR, 2 baths, gas heat, woodstove, barn, other building, ASKING $88,900
JUNIATA CO., Wooded 46.3 Ac., $42,000, OR 10 1 A. Tracts, $10,000
PERRY CO., Lovely Wooded Recreational Lots on Susquehanna River, Good Boating & Fishing Area, From 0 96 Ac to 1 33 Ac., Priced From $4,900 to $6,500
FRED VLASEK REAL ESTATE, 2010 Market St., Camp Hill, Pa 17011, Ph 717-761-4185

DOUBLEWIDE DELIGHT!
Beautiful ¾ acre M/L, garden area Mobilehome 24x56 w/bsmt Three bedrms., 1½ baths, well wtr., oil & gas heat Neat, fully equipped for immediate occupancy Private setting, near dam area $21,000 Owner terms STROUT REALTY, Inc., 133 W Main St., Westfield, PA 16950 (814) 367-5588 Res., 367-2710 Toll Free 1-800-641-4266 Free Local Lists

1 6/10 acre Retirement Home? Open for bids under $30,000 Near level, in the beautiful hills of W Va 10 yr. old, 1 floor, 5 rooms and bath, 40x32 house, basement, well, electric heat or wood. Woodlot, small pasture, young fruit trees, berries, garden, amidst evergreens, roses, shrubs, etc., friendly community Owner cured of lung disease, intends moving closer to Mennonite Settlement 1-304-772-3146

2 acre property w/meadow and new barn, 30'x60', for any type of animal. 2 car garage w/workshop. 2 bedroom house w/open stairway. Large amount of fruit trees and garden space. 717-665-5509

York Co., Dover Twp., 36 acre farm, completely remodeled farmhouse, 2 bedrooms, 1½ bath, attached summer house, lg barn, exc condition, $160,000, 12¾% assumable mortgage No. brokers 717-292-5298, 848-6765

REAL ESTATE

For Sale 3 bedroom house and grocery store with snack bar country setting, North Lancaster Co For further information write 305 Lexington Rd Lititz, PA 17543 or call 717-626-2995

FREE CATALOG! Describing numerous Pennsylvania farms camps, acreage tracts, cottages, homes and businesses Write Dept LF 5, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044

FIRST CLASS DAIRY FARM
Very modern dairy farm in Bradford County near Troy, Pa., 190 acres, 145 tillable, fenced pasture with 2 ponds, 20 acres wooded, swell 4-bedroom home plus a 2-bedroom cottage, excellent barn 60x140; 65 tie stalls, 11 round stock pens, Surge pipeline system, newer barn cleaner, modern milk house, 4400 lb bulk tank, 3 concrete silos with unloaders, garage facilities for 3 cars; ready for your immediate take over! No B 7887 WEST REAL ESTATE AGENCY, INC., Office 12 Canton St., Troy, PA 16947, Phone (717) 297-4046 or 297-2777

RECREATION-INVESTMENT
Lycoming County near Roaring Branch, Pa., 114 acres mountain land for hunting, recreation & investment, paved road frontage, 90% wooded, cleared sites for homes, cabins or camping, approx $533 per acre for entire parcel No B-7897 WEST REAL ESTATE AGENCY, INC., Office 12 Canton St., Troy, PA 16947, Phone (717) 297-4046 or 297-2777

JUST THE RIGHT SIZE
Scenic McConnellsburg area, well maintained 10-acre farm, 6-room home has 1½ baths, 2-car garage, small barn, storage sheds, 6 acre fenced pasture, woods for hunting, ½ hr to 8300-acre Raystown Lake $65,000 No A-6521 WEST REAL ESTATE AGENCY, INC., Office R D #1, Box 154, McConnellsburg, PA 17233, Phone (717) 485-3275

SCENIC AREA
Towanda, Pa area, delightful Susquehanna River front cabin with full bath, cozy front porch, 150 ft water frontage $10,700. No B-7890 WEST REAL ESTATE AGENCY, INC., Office 12 Canton St., Troy, PA 16947, Phone (717 297-4046 or 297-2777

REAL ESTATE

For rent or lease - double six milk parlor 120 cow free stall barn and silo, all new, excellent opportunity for right person 703-854 5663 Thomas C Bledsoe Star Route, Box 171 Locust Grove VA 22508

REAL ESTATE

Large 4 bdr secluded country home York Co Terms Write Box 366 J 227 c/o Lancaster Farming Lititz, Pa 17543

APPLE FARM
Mercer County
280 acres, 16,000 trees, processing plant with sorter conveyor, juice maker and two controlled atmosphere storage rooms, two farm houses, two barns, one million dollar value, asking $750,000 Liberal financing

Shadyside Co.
P.O. Box 10250
Pittsburgh, PA 15232
412-687-1502

PENNA FARMS

CUMBERLAND CO.
113 acre dairy, charming stone dwelling
82 acre all open land, murrill soil

HUNTINGDON CO.
172 acre general, a steal at $100,000
38 acre farmette. Owner financing available

Selling your farm?
No Obligation Appraisal

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

GEORGE L. EBENER & ASSOCIATES REALTORS
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NEW YORK - UPSATATE FINGER LAKES REGION

#1) 90 ACRE GRAPE FARM includes excellent red & white wine grape mix Ideal site for winery Includes 3 homes, large shop Gravel loam #4C

#2) 72 ACRE BEEF FARM with modern, completely remodeled home All tillable New pole barn, cattle barn Good slope, excellent silo #5C

#3) 187 ACRE DAIRY with large free stall barn, 2 silos, new ranch home May be purchased lock, stock & barrel Assumable mortgage #8C

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N.Y. STATE DAIRY FARMS

1 One of New York State's Finest Dairy Farms 400 cow free stall operation, 574 acres, fully automated to top efficiency, fine home $950,000 (bare)

2 200 cow free stall farm, 600 acres, rich honeoye soil, terrific value at $675 00 (bare)

3 310 acres with 120 river bottom flats, 200 extra rented, new 120 cow free stall barn 74'x170', excellent brick colonial home Only $275,000 (bare)

4 510 acre farm near Cooperstown, 75 cow barn, 2 houses and mobile home, borders a New York State Park Best buy at $222,000

5 145 acre colonial farm has untouched column front 1840 home, good barns, superb setting, ideal for horses or beef $115,000

6 103 acre family-sized 36 cow farm, good home, barns, 85 acres tillable; a steal at $99,990

7 68 acre hilltop hobby farm, neat ten room 1800 home, good barn, terrific view, low taxes Only $79,000

* We have an outstanding inventory of top quality New York State farms and a network of 19 other CENTURY 21 Farm Agencies to service your investment needs

CENTURY 21 T.L. Wright Realty
30 Main Street, Cobleskill, NY 12043
(518) 234-3501 Ray Murray, Farm Sales Specialist

REAL ESTATE

Virginia dairy farm in the heart of the Shenandoah Valley for sale by owner 265 acres, 235 till, barn is 65x300, freestall with Surge double 6 herringbone, 24x80 upright silo, 2000 gal bulk tank, lg 3 bedroom brick rancher with stone fireplace and finished basement, lg remodeled tenant house and bank barn Whole setup built new in 1977-78 804 377-2798

Corning New York Vicinity

Lovely older farm with 133 acres including 17 acres good timber, remainder tillable House and barns well maintained in pleasant setting Property near lake, 20 mi from Corning Assumable mortgage Asking $92,000 607-962-1862

Farm house for rent - between Lititz and Neffsville Christian family preferred 717-569-0731

For Sale - Bradford Co fully equipped dairy farm 90 acres 717-364-5631

Dairy of 44 Holstein cows 717-364-5631

3-A farm with established produce, fruit and X-mas tree business Beautiful 4 bedroom home, chestnut woodwork, large rooms Terms Write Box 366 J-230, c/o Lancaster Farming, Lititz, PA 17543

Large hog operation with 20 acres Immediate income from operation York Co Excellent terms Write Box 366-J 231, c/o Lancaster Farming, Lititz, Pa 17543

MODERN HOG OPERATION! 69 acres-level-includes fabulous 4 bedroom farm house, call for details BAUGHMAN REALTORS 717/741-4671 (200598)

For Sale - Herkimer County 80 acres tillable, best Honeoye soil, cash crop or dairying areas Excellent for string beans and peas Top area for cauliflower, broccoli, cabbage One mile from good sized town with Full Farm Services available We can meet Greyhound or Trailways bus in Richfield Springs Walter Yaworski, RD1 Jordanville, N Y 13361 Phone 315-823-2008

For Sale - Herkimer County 260 acres, dairy farm, with 94 tie stall barn Buildings outstanding Don't miss out on this excellent farm, $178,000 60 thousand down, owner financing at 10% By appointment Ann Ostasz, Broker, Salesperson Frances Yaworski, RD #1 Jordanville, N Y 13361, Phone 315-823-2008

$100,000 FARM

100 AC N E Penna, Wayne County, Prime tillable and pasture, gently rolling, some woods, stream, views, lake site 2 story farmhouse, very good dairy barn needs modernizing, room for approx 40 milkers, Lg equip barn, sheds 5,000' public road frontage $100,000 George H Zerebak Realty, Rte 370, Lakewood, PA 18439 (717) 798-2113

For Sale by Owner Roseville, Pa Home with approximtely 4 Acres with large lawn and garden House - 2 Bedroom, possible 3 Livingroom Diningroom and open stairway all wall to wall carpet Entry room and enclosed Sunporch opening into Livingroom Also covered back patio Basement Family room with separate entrance Apartment - 2 Bedrooms with Livingroom, Kitchen & Bath - all wall to wall carpet Drilled well and Hot Water Heat Double Garage Convenient to store and church Great Hunting and Fishing area Owner will Finance with Down Payment and Balance at 12% Interest Earl Wood RD #2 Box 157 Mansfield, Pa 16933 717-549-3732

REAL ESTATE

For Sale - 170 acre dairy farm with 54 tie stalls in barn Located in Bradford County Stocked and equipped or bare Must be seen to be appreciated Phone 717-596 3677 after 8 PM

REAL ESTATE

Wanted - 100 to 300 acre farm with house and buildings on shares with option to buy in the future Starting crop year 1983 DE, MD or VA Write Box 366 A-35 c/o Lancaster Farming, Lititz, Pa 17543

REAL ESTATE

Farm For Sale in Juniata County Low taxes $198 00 last year, house, barn, other outside buildings $60,000 Call 717-444-7334

Dairy farm for rent, Blair Co, 120 til 814-239 2593

REAL ESTATE

7 room house, bath, hot water heat, feed mill, can be used for other business, 5 acres located along beautiful lake, Juniata Co 717-694-3557

For Sale - 1 to 8 acre wood land - lots, perced and approved, Perry Co 717-438-3115

REAL ESTATE

For Sale 110 acre farm Lykens Valley Dauphin Co 717-362-9233

Dairy farm & Stock Farm available in the Shenandoah Valley, Va Let us know your needs Please write Attn B K Rouse, or J Warren Good Jr. 703-459-4011 R J Clower Real Estate, 712 N Main, Woodstock, Va 22664

REAL ESTATE

100 A grain, produce, beef and hog farm, 3 homes, stream, pond, beautiful setting Finish 8,000 hogs/year York Co Terms Write Box 366 J-232, c/o Lancaster Farming, Lititz, Pa 17543

For Sale - 133 A dairy farm, 95 A tillable large house, barns, lake & pond on property York County Delta Area 717-394-6334

SALE BY SEALED BID

Jackson Twp., York County, Pa.

72 acres M/L, zoned 'o', cleared/wooded, rolling/level, side/rear boundary overlooks countryside, Southern & Eastern exposures, electric/telephone,

Three (3) mile to Spring Grove, convenient to Harrisburg, Baltimore, Philadelphia, York, Hanover and York Airport.

Appointment to inspect or conditions/terms, please phone (717) 843-4514 after 5 P M

Submit purchase bids to M E Hassler, Owner
1499 W Princess Street, York, Pa 17404
Bid deadline June 5, 1982

Endless Mountain Real Estate Co.

Tioga County

Land Mart REAL ESTATE

#216 3 Acres in the country with a well built 2 bedroom rancher, with plenty of storage and closet space thru out the home. Brick fireplace, large enclosed patio, large 2 car garage, nice mini barn, 4x18 ft. Esther Williams swimming pool, with pump & filter and sun deck, nice landscaping with shrubs and pine trees and flowers. This home is one of a kind! $49,500

#218 It's hard to find words to describe this large older home that's in excellent condition. 11 rooms, 5 bedrooms, 3 full baths, with two of them upstairs. Lovely open stairway, carpet all thru upstairs, large kitchen & dining room, 2 living rooms, utility and sewing room Oh! so much more, so give up a call for more information $45,000

#219 Watch the swimmers, water skier's and the wild geese from the windows of this 3 bedroom home with 1 ¾ baths, extra large living area and there's an 8x24 sundeck. Located on a private lake $40,000

RD 1 Box 203-A
Covington, PA 16917
717-659-5684
Richard Chamberlain, Manager
Home Ph: 717-549-4173
(New Hours) Mon.-Sat. 9:30-4:30

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The Susan
44'x26'
$32,500.00

The Susan Features Living Room, Dining Room, Kitchen, Three Bedrooms and 1½ Baths Full Basement is included Lower Level Front is brick along with many other quality Features

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Address
City
State
Zip Phone

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323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED

Farm Salesman - Eugene Kreider

TIOGA CO. PA.

Ranch house on 3 acres; 2 car garage with paved driveway. House features 24x35 family room with walk around fireplace and barbeque pit, step saver kitchen, DR, Living Room with fireplace, 3 or 4 bedrooms, 1½ baths, unfinished basement with another fireplace. $65,900. Possible owner financing. CALL 814-367-5796

BRING YOUR HOSLTEINS HERE!!

Estate settlement prompts sale of one of St Lawrence County's top dairy farms! 597 acres with 520 TILLABLE, all Madrid loam soil with 1980 Extension Service corn yields averaging 142 to 160 bushels of H M C per acre Excellent alfalfa soils with three cuttings per year All in one block near buildings level to gently rolling easy to work fields Long list of above average improvements include 30x100 dairy barn with 40x200 free stall addition with manure lagoon Double five milking parlor, 4 20x60 Harvestores (one leased), 4 cement silos, Main house has seven rooms with five bedrooms beautiful modern kitchen Brick tenant house Owner's untimely death prompts sale available for immediate possession Good terms available to qualified buyer Hurry on this one! No 2386

UNITED FARM AGENCY
RFD#2, Box 54, Canton, New York
315-386-3184
Shirley Peterson Broker Glenn Peterson Salesman

Over 50 Years

UNITED FARM AGENCY

Too Good To Miss

See PICTURES in catalog! 158-acre N Y. hillside farm for beef cattle or horses. Pond, creek, 80 acres tillable, marketable timber. 7-room & bath farmhouse Barn Yours for $77,000.

Waterfall Farm

140-acre N Y stock farm has creek and 8-ft. cascading waterfall, 48 acres in hay, pasture & woods, some stone walls. Good 4-bedroom farmhouse. Barn, 41 ties, cleaner, carriage house, $125,000, liberal owner financing, 10 percent annual percentage rate

UNITED FARM AGENCY OF PENNSYLVANIA, INC.
REAL ESTATE
P.O. Box 7891-LF Lyell Station
Rochester, N.Y. 14606
Ph: TOLL-FREE: 1-800-821-2599
7 days a wk., 8 a.m. to 8 p.m

FARMS FOR SALE

CENTRAL NEW YORK - Between Seneca and Cayuga Lakes. 7 miles S of Seneca Falls just off Rt. 414. 110 acres of level loam soil - 100 acres tillable Nice 5-bedroom, 2-story frame home. Priced for quick sale at $94,900 Owner will finance for 20 years at 10% interest with 30% down.

ELIZABETH TWP. - LANCASTER CO. - Approximately 100 acres - perfect for the horse or gentleman farmer Beautiful private setting yet close to Rt 322 and turnpike. Acreage is approximately ⅓ pasture, ⅓ tillable and ⅓ woods. 2 trout streams and a large pond on the property In addition, there is a 2½-story stone house, tenant house, log house, tobacco barn, bank barn, pig house, and corn crib. Price: $400,000.

BRA HIGH REALTY CORPORATION REALTORS
717-393-5661

FRANKLIN COUNTY FARM

40 acres good limestone and shale soil, 2 - 2-story broiler houses for 100,000 broilers. One house 40'x360' built in 1976 and one 44'x400' house built in 1977, good broiler contract, stone and frame 1 family dwelling $425,000.00

CALL SHEETZ REAL ESTATE
717-653-1481

CENTRAL NEW YORK OFFICE

MODERN DAIRY WITH UNBELIEVABLE TERMS! 206 acres of rich alfalfa and corn land with 135 tillable Money poured into 70 cow barn with brand new 2" pipeline, two new 20x60 silos with unloaders and new milkhouse with 1000+ gallon tank Loafing barn attached for 50 60 head Nice 10 room home has 2 full baths Also mobile home JUST LISTED AT $205 000 WITH ONLY $5000 DOWN IF YOU QUALIFY! CALL WIMPLE'S SLOANSVILLE HEADQUARTERS 518 875 6355

SOUTHERN NEW YORK OFFICE

BINGHAMPTION BARGAIN 300 acre farm is fresh on the market, has 150 acres tillable and 100 acres of never logged woods Main barn has hip roof 42 stanchions with new Badger cleaner 18x50 concrete silo with newer VanDale unloader full length mow conveyor Almost new 3 bedroom ranch home Heifer barn with hay storage Many outbuildings and storage buildings JUST LISTED! $165,000 CALL WIMPLE'S TRUMANSBURG OFFICE 607 387 9303

ST. LAWRENCE VALLEY OFFICE

SPECIAL THIS WEEK 130 acre operating dairy is mostly open land Gambrel roof barn is in good shape and has 35 stanchions cleaner concrete silo bulk tank 4 bay shed Barn for young stock Home has 8 room and Victorian lines Bring your cows and ship milk JUST LISTED AT ONLY $59 900 MANY OTHERS WITH THE WIDEST SELECTION OF DAIRIES ON THE ST LAWRENCE VALLEY CALL WIMPLE'S GOUVERNEUR OFFICE 315 287 4163

OVER 275 NYS DAIRY FARMS LISTED! FREE DAIRY CATALOGUES ALSO ALL SORTS OF OTHER FARMS

REAL ESTATE

For Rent 4 room house, middle aged couple, nice yard and parking Neffsville, Lancaster Co , 717 569-1170

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds 717-394 3047 or 717-626-1164

Tioga County 65 acre farm with stream, barn, new slaughter house Ranch style home with 3 bedrooms, 1½ baths, 2 car garage 717-724-3768 Call 717-724-3853 evenings and weekends

30 acre farm with large hog finishing operation. House in need of repairs and remodeling Immediate income York Co Terms Write Box 366 J-228, c/o Lancaster Farming, Lititz, PA 17543

Nice level 185 acre modern hog farm and grain storage, Huntingdon Co Priced to sell 25% down, balance financed at 10% 814-447-3725

HUNTINGTON CO
168 acre farm with nice 8 rm and bath home, bank barn, lg workshop, farrowing house, lg cave approx 60 acres of timber, farm borders creek, has hard road frontage, conservation plan in use, many other extras, $170 000

WOODLAND
50 acres ridge land approx 25 acres hard wood, balance pine fields, spring water, nice view, twp road frontage, $38,500

Colonial Real Estate Agency
814-447-5511

Wanted - rundown farm or land within 50 miles of King of Prussia Include price, terms, tillable, taxes Box 162, Cynwyd, PA 19004

FARM FOR SALE - Nice 58 acre farm in Juniata Co reduced to sell Call 717 527-4093

Several large and small farms Tracts of land, building lots Terms Write Box 366 J 229, c/o Lancaster Farming, Lititz, Pa 17543

Cambria Co , North Ebensburgh Dairy Farm-118 acres tillable, tile drained, over 1 mi rd frontage on 2 sides, bank barn, with 2 Harvestores and silo, milk house Two 2 story, 3 bedrm homes, cottage, garages and other outbuildings All in sound condition Former retail dairy business Best location in area $180,000 Additional acreage available Also, 70 acre crop farm for sale
Gresh Real Estate
814-266-3129 or
814-467-7103

FARM - SALE
MARYLAND
EASTERN SHORE
67 Acre Farm, 55 Tillable
Creek and Long Road Frontage
Duck Hunting
Presently Custom Farmed
10 Minutes from Salisbury, MD
$124,000.00
Owner (301) 749-1710

BERKS CO.
12½% Financing
122 acres Albany Twp productive orchard with substantial income potential beautiful setting native woods and tillable fields $2000 per acre

Thomas W.
Van Duren, Realtor
215-756-6318
M.L.S.

REAL ESTATE

LEBANON COUNTY
30+ Acre Farm For Sale
One Mile South of Myerstown
Near ELCO School
Phone 717-866-2851

CENTRAL NEW YORK DAIRY FARM
Located 45 miles south of Rochester, 5 miles from school 300 +or - acres of level loam soil, 200 acres tillable balance pasture and woods, modern 36 x 110 foot barn w/pipeline milker and bulk tank, heifer shed and 30x50' machinery building, 18x50' and 20x60' concrete silos w/unloader and bunk feeders Good 2 story early American house 8 rooms, including bath, oil and wood heat, asking $165,000 negotiable w/owner financing

Jerome Eckert
Box 114 Ulysses, PA
16948
814-435-2314

FARMS & LAND
F2 09 36 acres ½ tillable Creek bottom soil Lg home barn etc Snyder Co $60,000
F1-26 Perry Co general farm 180 acres 90 tillable Long wide field easy to work suitable for long landing strip Reduced to $199,000
F1-02 A diamond in the rough 103 acres w/log house for only $69 000 Snyder Co Some owner financing possible
F1-31 Perry Co general farm 171 acres 90 acres tillable 2 story stone home which you must see to fully appreciate Spring This is a beautiful farm, good soils owner financing on one half $249 000
Other Farms Also Available

BOWEN AGENCY, INC.
(717) 374-2165
Phil Graybill, GRI 717-374 8038
Don Bashore 717-436 9213

CENTRAL PA. FARM
Just listed, this approximately 75 acre farm offers the most in value Priced at $119,500 with financing available at 11%, this property features nicely remodeled 2-story frame house, large 2-story bank barn, small silo and many miscellaneous buildings All this located near Loganton, Clinton County Super buy so call our farm representative today

Benchmark Realty, Inc.
1212 N. Atherton St.
State College, PA 16801
1-814-237-5384
Farm Agent: Steve Shipman
Tel Bus #814-237-5384 Home #814-383-4656
Farm #717-726-3707

NEW YORK STATE CHAUTAUQUA COUNTY
185 acres, 140 tillable (part gravel), 35 woods, 8000' frontage, Good 3 BR home, 36x134' hip roof barn w/46 ties, 2 silos, corn cribs, machine storage, large garage, $150,000. Owner financing @ 10%

269 acres, 160 tillable, 44x126 steel frame barn, w/new double 4 parlor, 63 freestalls, 12x40 & 24'x60' silos, 30x60 2 story heifer barn, and 40x60 machine storage, Good 3+ bedroom home, oil and wood heat, $60,000 assumable mortgage; $130,000

Many other farms available

SOUTHWEST REALTY
191 W. Main St., Sherman, NY 14781
716-761-6004

REAL ESTATE

FARM FOR SALE
37 acre hog farm w/100 sow capacity farrowing unit house historic stone farm house bank barn several other storage barns and shed Possible owner financing Located within 40 minutes of downtown Wilmington DE and 45 minutes of Lancaster in Southern Lancaster Co

If interested contact
Lancaster Production Credit
R D 1 Box 27A
Quarryville, PA 17566

FARMS, FARMETTES, LAND
Exclusive Listings throughout Central PA
- 14 Operating Farms - Bedford, Blair, Centre, Clinton, Huntingdon, Lycoming, Northumberland, Montour & Somerset Counties
- 7 Farmettes - Centre, Clinton & Huntingdon Counties
- 30 Rural Land & Cabin Listings

Please call or write for free detailed lists See May 1st/May 29th issues for complete farm inventory

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Don Myers (814) 422 8111 (Bedford) Richard D Reed (814) 839-4271
Mel Rockey (814) 466-6688 (Huntingdon) Rachel Port (814) 669-4194

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William H Leonard Realtor
245 S Allen St
State College PA 16801
(814) 234 4000

Gorgeous View
FARMETTE 61 acres, 15 wooded, acre pond, beautiful 3 bedroom log home, stone fireplace, full basement, wood oil furnace, barn with stalls one of a kind $100,000

Nice Setting
415 acre dairy farm, 200 tillable, 83 cow barn, 1,000 gallon bulk tank, 3 silos, machinery barn, very nice 5 bedroom house and a 3 bedroom tenant house $330,000 Owner financing available May be bought stocked and equipped

Send for free property list

McKEE REALTY
Roger McKee Broker
Main Street
Cincinnatus, NY 13040
607 863-4181

BEDFORD COUNTY
2½ story nine room brick home in the middle of 115 acres, barn, good spring water, 2 miles of road frontage, $134,500, 10% financing available.

30 wooded acres long road frontage, $21,000, 10% owner financing

22 5 acre horse farm, w/17 acres of fenced in pasture w/stream, 3 BR log ranch home, machine shed and outbuildings, quiet rural setting, $58,000

87 acres (½ wooded and ½ open), spring run, fantastic view, borders state game lands, $69,500 Terms available

31 wooded acres bordering state game lands, $24,500 12% financing available

2 9-4 6 acres, restricted septic approved, rural building sites $2200/acre w/easy terms

2 story 4 bedroom remodeled farm house, barn and outbuildings on 8 acres, w/spring fed pond, stream and small pear orchard, $49,500

42 mostly open acres, w/good 2½ story home large barn, stream, springs, great secluded location $82,500

2 story brick building w/partially remodeled second floor living quarters, located in small village near good hunting and fishing at nearby Lake Raystown Only $13,500

Paul Plovish Real Estate
5th Avenue
Everett, PA 15537
814-652 5226

REAL ESTATE

REAL ESTATE TO SELL? FOR ACTION CALL

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

For:
CENTRAL PENNA FARMS FARMETTES, LAND, ETC.
See last week's ad for listings

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177

VARIETY OF FARMS

Large and Small

Farmettes, Country Places, Wooded Tracts

Lancaster, Juniata, Snyder, Franklin, Cumberland, Montgomery, Montour, Northumberland and York Counties

For information call:

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

Located in Estella, Elkland Twp Sullivan Co , PA 94 Acre Farm - in a most scenic spot, this retreat has 50 tillable acres, 20 acres woodland and 20 acres meadow Two small ponds, one with fish Located close to state game land - a hunter's paradise Frame farm house has had new wiring, new heater and hot water heater and walls refinished within the past five years Large bank barn with good roof **EXCELLENT FINANCING** 25% cash, balance at 12½%/25 year term callable in 5 years

$94,000

Call **HERSHEY FARM AGENCY, Inc.**
Harleysville
(215) 287-8888

REAL ESTATE

For Rent

Excellent livestock and horse accommodations 3 barns large silo Patz 100' bunk feeder 4 headgates and chutes 150 acres pasture 100 acres hay 40 acres corn several creeks 13 gravity flow spring watering tanks Will rent as entirety or divided

Twin Valley Farms
Breezewood, PA 15533
Bedford County
814-784 3102

---

42 acres with modern 100,000 broiler setup Near Shippensburg

15 acre Farmette near Middletown

77 acres with house and barn in Path Valley

Other Farms
VanCleve Real Estate
717-392-3032

We Have A Large Selection of DAIRY FARMS Located in the "Heart Of The Dairyland"! For More Information or Free Brochure CONTACT:

L.C. CHRISTENSEN & CO.

715-223-6345

Box 400 Abbotsford, WI 54405

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95 acres more or less, 80 acres more or less tillable, beautiful remodeled farm house, barn, fully equipped butcher shop, buildings in excellent condition. Borders Rt. 183 South, Wayne Township, Schuylkill County. Owner will assist in financing. $180,000.

John W. Higgins
Real Estate

717-622-1054
After 5 P.M. Call
Charlotte Stoudt
717-366-0835

REAL ESTATE

New Sacrifice Price - $160,000

Franklin Co - 97 acre dairy farm, 39 comfort stalls, owner paid $160,000 before adding brand new dairy set up Hurry - be the first one to benefit from this new sacrifice price!

Call **Henry H. Gehman, Realtor**
215-445 6653
RD 3595 Mohnton, PA 19540

BEDFORD CO.

Bottomland Farm Special - 283 level acres, suitable for beef, horses or crops No barn Restorable house (120-L)

Hobby Farm? - lg bunk barn, can accommodate 75-100 beef cattle - ideal for horses too Well Stream $37,500 (118-L)

Highly Productive - 65 level acres Bordering stream $69,900 (122-L)

140 acres - of good farmland 90 acres tillable, 50 wooded, $140,000 (259-L)

BLAIR CO.

Fertile Farm - 175 acres, mostly tillable lg. barn with 31 stanchions. 4 bedroom home, 4 springs Good stream $199,000 (123-L)

HUNTINGDON CO.

Prime Location - 96 acres 40x100 dairy barn with 46 tie stalls, bulk tank, 18x60 silo w/unloader Good milk market 5 bedroom home Stream $175,000 (124-L)

Spiral Stairwell - in this 4 bedroom chalet w/fireplace & deck. Completely furnished Bunny Hop Ski Slope Blue Knob (116-5)

Chalet - w/basement apartment, 4 bedroom plus fireplace Furnishes included Lot 100x300 Few minutes from Blue Knob Ski area. (128-5)

Blue Knob Ski Area - 5 minutes from this 3 bedroom split entry w/wood burner & deck, landscape lot Assumeable mortgage, $53,000. (188-4)

Camp - Raystown Lake Area. River frontage. Good hunting & fishing. $17,960 (189-5)

Sportmen's Delight - Raystown Lake Area River frontage Cedar wood cottage w/fireplace, $33,900 (155-5)

Century 21

Zane Helsel Real Estate Inc.
407 Logan Blvd. Lakemont
Altoona, PA 16602
814-946-1215

Independently Owned

REAL ESTATE

Following two farms on outstanding soil within 10 miles of Rts 5 & 20, best land, longest growing season, New York State

230 acres almost all tillable, 70 free stall, new double six parlor, Honeoye soil, 5 silos, excellent home, produce included, try $210,000

250 acres, 170 tillable, Honeoye soil, 56 big stalls, 2 Harvestores, 2 Penn Creek silos, pipeline, excellent house, wants offer, try $180,000

Lake Country Farms
Harry Pettingill Jr., Broker
2158 Rt. 89
Seneca Falls, NY 13148
315-568-9708

THIS WEEK'S SPECIAL
HOG FARM

Nebraska 1200 unit capacity, only 3 yrs. old with a 40 ton Mix Mill and 1 yr old grain dryer. 2 story, 3 bedroom frame house and bank barn all on 45 acres. Nebraska hog house can be purchased separately.

Call today, we can settle tomorrow

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum	Harlan Keener	Mahlon Oberholtzer
Carlisle	Willow Street	Lancaster
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Broker J Irvin Denlinger
717 898-8962

REAL ESTATE

IDEAL RETIREMENT FARMETTE

Beautiful farmhouse, completely remodeled For sale by owner in Tioga Co , PA On blacktop road, 5 minutes from Wellsboro, PA, 16 acres, stream through property, excellent view New white vinyl siding, new roof, Anderson thermal pane windows, 3 bedrooms, new full bath upstairs Downstairs-living room, dining room, den, new kitchen cabinets, ½ bath New wall to wall carpeting Large barn, 52x40 workshop & garage Newly painted white Don't miss this beauty Only $74,500, Owner financing @ 12% mortgage

Write Box 697
Wellsboro, PA 16901
or call days
717-724-3123
evenings 717-724-1339

NORTHEASTERN NEW MEXICO

1440 acres 650 acres farmed with 590 acres flood irrigated from Conchas Lake Irrigation water for less than $15 per acre per year 7500 feet concrete ditches 80 acres bermuda pasture 50 acres alfalfa 150 acres wheat 2 nice homes 1 four bedroom tri level and 1 three bedroom plus outbuildings Will sell land with or without 120 beef cows machinery, feed and crops Property taxes 1981 $770 Dairy potential Ideally located near Conchas and Ute Lakes this farm offers the versatility for any livestock cotton, grain or vegetable combination George Faver, Rt 4 Box 45 Tucumcari New Mexico 88401, 505 461 0507 evenings

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NORTHCENTRAL PA.

FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

AFFORDABLE FARM - Overlooking the Cowanesque Dam in Tioga County, PA, on NY border, 100+ acres, approx 40 tillable, 50 tie stall barn w/mow conveyor, 20'x60' silo w/unloader, fair to poor house, major cleanup needed around buildings, frontage on 2 roads, Priced right at just $85,000. M-209. PH. 717-662-2138.

CABIN AND PANORAMIC VIEWS. Adjoins state game lands. As low as 10% interest. B-155 PH. 717-265-3171

DAIRY FARM - 157 acre operating dairy farm, almost new barn, 46 stalls, S.S. pipeline, barn cleaner, 650 tank, 4 DeLaval milking units. 15'x34' Seal Stor lease silo. Large machinery shed. 8 room partially remodeled house. Possible mortgage assumption of $115,000 00 Priced at $165,000 W-605 717-724-5921

148 ACRE BEEF/SHEEP FARM, fenced & cross fenced. Beautiful home w/wood-oil heat, fine set farm buildings include large barn, drive-in heated shop, garage, etc. Frontage on 2 roads. Assumption of $64,000 mortgage possible at 12%. Level to rolling land in Sullivan County, high recreational area close to Canton, Pa. Price $162,500. Real Estaters of Troy 717-673-3298

NEW DAIRY FARM LISTING - Priced for the beginner. L shaped dairy & heifer barn. 35 comfort stalls Tiled manger New barn cleaner chain. 80 high quality tillable acres. 110+ total acres. 2 wooden silos 4 bdrm house $80,000 refinancible - FHA and FLB money. $99,500 M-352 PH 662-2138.

13½ ACRES - some wooded, stream frontage on black top road, Septic approval, owner financing $12,900.00 B-150. PH 717-265-3171

TIOGA CO. - 172 acre dairy farm, 48 tie stalls Heifer room, 3 stall parlour or milk in barn, bulk tank, milkers, barn cleaners, large house partially remodeled Everything ready to go Possible FMHA financing to qualified buyer Owner anxious at $125,000 W-613 PH 717-724-5921

NEW DAIRY FARM LISTING - Priced for the beginner L shaped dairy & heifer barn 35 comfort stalls. Tiled manger New barn cleaner chain 80 high quality tillable acres 100+ total acres 2 wooden silos 4 bdrm house. $80,000 refinancible - FHA and FLB money $99,500 M-352 PH 662-2138.

AFFORDABLE CAMP - Rustic, 4-room hideway on 11 + Acres Land is ½ wooded w/year-round stream and small pond ¾ mile to State Land $2,650 down, $139/month for 7 years (12% int) $10,500 Tioga Co C-672 PH (814) 367-2249

SPRING AND IMMEDIATE POSSESSION

WALK TO EXCELLENT FISHING - Choice of 1.5 to 35.45 acre tracts from $3,950 to $17,500. Borders State Land & near Pine Creek for fantastic recreation. Several building sites with utilities nearby. Stream through property. Some owner financing. C-686. PH. (814) 367-2249.

150 ACRE FARM FOR $69,000 - Remodeled 4 BR, split level, home near Tioga-Hammond rec. area. Wall to wall carpet, spring water, barn/gar. combo. ½ open w/bal. hardwoods Exc hobby or beef farm. $25,000 down, 12% int , 20 yrs., Tioga Co. C-598 PH (814) 367-2249.

$295 PER ACRE-FINANCED - In exc. hunting area of W. Steuben Co 70 A tract features approx. 20 A lge pines & 50 A hardwoods. Perfect cover for deer & turkey. Streams nearby. 29% down, 10½% int. years neg. Reasonable offers considered. C-536 Call 814-367-2249.

150 ACRE FARM FOR $69,000 - Remodeled 4 BR, split level, home near Tioga-Hammond rec. area. Wall to wall carpet, spring water, barn/gar. combo. ½ open w/bal. hardwoods. Exc hobby or beef farm. $25,000 down, 12% int , 20 yrs. Tioga Co. PH. 814-367-2249 C-598

HARD TO BELIEVE - Gently rolling 10 9 A for only $8,950. Mostly wooded w/great building sites. Genesee River thru property for fantastic fishing. Exc. area for the avid sportsman. 25% down, 11½% int. 5 years. E Potter County. C-6711 Call 814-367-2249.

NEAR STATE LAND & PINE CREEK - 3 BR, 2-story home on ¾± A. Septic on site, spring water, lge. garden area. $7,000 down 10½% int, 20 yrs. $158.75/mo 10 yr balloon. $22,900 C-721. Call 814-367-2249.

SEARCH NO MORE - All wooded 17.7+ offers seclusion, scenic views, & some of PA's finest hunting. k650 ft township rd frontage. 25% down, 10½% int, for 15 Years $12,950 N W Tioga Co C-729. PH. 814-367-2249.

CALL OR WRITE US FOR OUR FREE LIST!

The Real Estaters

Offices Area Code 717
Tioga, Potter & Bradford Counties call or write
WELLSBORO, 120 East Ave 724 5921
WESTFIELD 108 Main St 814 367 2249
MANSFIELD RD 1 Box 41 662 2138
TOWANDA Bridge st 265 3171
TROY, 41 Lycoming St 717 673-3298

OUR #1 AIM IS SERVICE

LEBANON COUNTY

DAIRY FARM YOU DON'T WANT TO MISS...
Excellent Terms..... Call TODAY!

BERKS COUNTY

1300 ACRES...ALL CONTIGUOUS...Several Sets of Bldgs. Total Package Under $2,000 Per Acre..... CALL FOR DETAILS!

RICH BRANDT REALTORS
2230 5th St Highway, Reading, PA 19605
(717) 274-3622 - office (215) 378-1122

REAL ESTATE

BERKS CO.
70 Acres
12½% Financing

Barn orchard native woods Kempton area $2000 per acre

Thomas W. Van Duren, Realtor
215-756-6318
M.L.S.

Need a Tax Shelter?

240 acre farm in Juniata Co ideal for beef or grain 140 acres tillable 85 acres woodland 15 acres meadow w/pond Frame house and bank barn

Qualified farmer willing to work farm for buyer

Asking $700/acre firm

Call Owner
717-436-8309
before 8 A M or after 5 P M

Today it takes two...PARTNERS and YOU

FARM-STONE-HOME
70 acres with 2 story stone home 65 ft x100 ft frame and stone bank barn and stone summer house buildings and 20 acres can be bought sep erately, low down pay ment with owner fi nancing available

RONALD W KRALL REAL ESTATE
PARTNERS
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ROUTE 422 MYERSTOWN
BRANCH OFFICE
QUENTIN RD LEBANON
717-273-1631
MEMBER LEBANON CO & BERKS CO MULTI LIST
Each office independently owned & operated

REAL ESTATE

10% DOWN - 10% FINANCING
LARGE FARM - MIFFLIN COUNTY

Yes, this is the deal you have been waiting for - 160 acres tillable riverbottom and limestone ground Stone House with spring in basement, and barn Total 430 acres Private setting at end of township road Nestled in a picturesque valley extending over a mile along the Juniata River and along woodland on the other sides No neighbors! Truck farming possibilities Old Railroad siding on property Buy subject to Land Bank financing balance now under $100,000 Owner will finance balance of purchase price above down payment at 10% interest over 20 years Negotiable balloon payment For the investor, there is great deer and turkey hunting, fishing, and farmers nearby to rent the long level fields, which average over one-half mile in length Asking under $900 per acre for the entire package Subdivision possible Call now because this farm won't be for sale long CALL (814) 643-5010 or (814) 643-1309

REAL ESTATE

Modern 450 acre beef & broiler set up grain bins & dryer mostly all tillable prime level ground 2 modern homes poss owner financing will divide Amish neighbors $900 000

Amish neighbors 130 acres 60 tillable 30 pasture balance wooded 8 room home extra large bank barn 10x50 & 16x50 silo grain storage 32x80 barn $150 000

28 Stanchion Dairy Barn plus heifer barn silo no house 4⅞ acres $29 000 More acreage avail May be rented with option to buy Located in Lavell

Lykens Valley Farm 100 Acres 90 tillable nice home possible terms 10% down 12% interest $250,000

4 400 500 A farms 200 400 A tillable, Grain beef or vegetable operations Lg grain storage $1500 to $2000 per acre Amish neighbor within 3 miles of one of these

62± acre general far, private setting large 12 room home coal or oil heat 30x60 bank barn, 35 tillable 15 pasture 10 wooded Possible owner financing 25% down 12% interest $79 000

75 acre farm, 3 bedroom home, bank barn 40 tillable, 30 pasture, 5 wooded 2 streams $85 000 Possible owner financing

Plain Acreage

49 acres secluded but near I 81 15 tillable balance wooded, some timber, excellent deer hunting possible terms at 12% interest $39 000

PETER B.
CORTELYOU
Real Estate Herndon, PA 17830
717-758-9177

REAL ESTATE

For Sale- Beautiful remodeled 4 bedroom farm house, custom oak kitchen, wall to wall carpet, w/large garage Also 2 large block buildings, 30x120 ideal for business or other income potentials on 8½ acres of woodland, Perry Co 12½% financing available

717-582-2352

EASTERN NY

ONE OF THE BEST AROUND

- **450 acres, 360 productive tillable acres.**
- **84 cow tie stall with 1000 gal. tank, 6 unit pipeline, Patz cleaner, mow conveyor, automatic manger feeder.**
- **110x64 pole barn with 75 free stalls plus large hay storage area.**
- **Work shop and equipment shed, plus dry cow barn.**
- **20x45 Harvestore silo with roller mill. 20x70 & 20x60 Harvestore plus 16x45 concrete silo with unloader.**
- **Very nice remodeled Colonial home plus tenant house.**
- **This farm is in an excellent area with great potential. The present owner is moving and presently has a 20,000 # average on the farm.**
- **If you're serious about a 100+ cow farm you must see this.**

Alton Makely, President
Phil King, Farm Sales Manager

COBLESKILL
Country Boy Realty
MAIN OFFICE
140 EAST MAIN STREET
COBLESKILL, NEW YORK
PHONE 518/234/4371

MAILBOX MARKET Advertising and SUBSCRIPTION FORM

will be found on Page B39

REAL ESTATE

BERKS COUNTY

40,000 Layer Capacity operation near Shoemakersville, built 1977, 60 acres, 10 stall bank barn, 5 stall horse barn, riding ring, modern 5 bedroom home, 2-2 bedroom mobile homes, 50 acres tillable, 10 pasture, $395,000. Can be divided.

Horse or Beef Farm
15 acres in quiet secluded setting, Strausstown, Bethel area, renovated 3 bedroom sided log home with family room addition, 36x60 bank barn, shed with workshop, new pond, stocked with bass and sunnies, stream, 4 acres wooded plus 200 Austrian pine seedlings, call to see, $93,500.

Call us for mountain land or for your rural Berks need.

Free log home literature.

Blue Mountain Realty
R.D. 1 Rt. 183
Bernville, PA 19506
215-488-7614
or 7745

PAUL M. Longacre FARMS AND COUNTRY PLACES

BERKS COUNTY

50 acre farm features lovely 2½ story pointed stone home w/large kitchen, living room center hall 3 bedrooms & bath large pond stream small barn machinery shed grainery & sheds 20 acres box wire fencing Call for details $117 900

97 acre dairy farm level limestone soil 50 cow stall barn w/pipeline bulk tank features lovely 2½ story brick home w/modern kitchen living room 3 bedrooms & bath 6 bedrooms second floor Group heifer facilities 20x60 concrete silo 17x45 silo w unloader large 3 car garage 80x30 machinery shed & corn crib pasture w/stream lovely setting operating farm $350 000

12 acre features lovely pointed stone home with modern kitchen formal dining room 3 large bedrooms 2 baths large living room with fireplace garage barn exceptional value ~~$97,000~~ Reduced to $89 500

MONTGOMERY COUNTY

55 acre general farm featuring lovely log & stone home w/modern kitchen center stairs 5 rooms with livingroom fireplace 5 bedrooms & bath 2 car garage bank barn 2 machine sheds corn crib silo & much more A very lovely setting ~~$385,000~~ **Reduced to $300,000**

SNYDER COUNTY

96 acre general farm 60 tillable with nice 2½ story frame colonial double home 11 rooms 2 baths 2 kitchens all in good condition Large barn set up for 10 000 broilers trout stream on property good hunting & fishing area Reduced to $115 000 Owner financing available #307

188 Ac general farm w/68 A hard timber good 4 bedroom home w/kitchen LR & Bath very nice laying ground & much more $175 000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt 100 Hereford, PA 18056
Ph: 215-679-5919

65 Acre general farm w 88x45 barn w block addition Large 90x36 implement shed lg combination corn crib & shed Lovely 2½ story home w kitchen dinning room living room 3 bedrooms & bath Completely remodeled $125 000 #344

BRADFORD COUNTY

4 Acres w/lovely 2 story home kitchen DR LR 4 BR & bath fruit & nut trees Asking $33 300

180 acre 150 tillable level land to gentle rolling beautiful big new rancher w fireplace barn remodeled w new addition 58 tie stalls could easily add 16 stalls bulk tank dumping station 18x65 concrete stave silo w unloader heifer barn & machinery shed Located on macadam road Sets very nice must be seen to appreciate All for **$225,000** Cattle & machinery optional Additional acreage available for rent

SUSQUEHANNA COUNTY

140 acre dairy farm 95 tillable gently rolling to almost level A picture clean farm operation with 42 stanchions stainless steel pipeline 2 box stalls 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders 650 gal bulk tank 2 large poll sheds for machinery & heifers frame 8 room 2½ story house modern kitchen 1½ baths carport & patio Must be seen to appreciate $225 000 #324

437 acre dairy farm 50 stall barn with pipeline bulk tank barn cleaner & 18x50 14x50 & 12x40 silos Heifer barn & machinery shed shop & garage Lovely stone & frame Colonial home with modern kitchen 8 rooms & 2 baths Also new second home with 5 rooms & bath Call for details $325 000

74 acres 67 I features 106 comfort stall barn 1000 gal tank pipeline 89 tree stall heifer barn 30x70 concrete silo solid 2½ story 4 bedroom home w/bath Asking ~~$165 000~~ Reduced $125 000 Also renting additional acres

COLUMBIA COUNTY

180 acre dairy farm 118 tillable 36 stalls bulk tank several sheds & second small barn corn crib 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths remodeled Slightly rolling & level good ground ~~$225 000~~ make an offer reduced $175 000 #310

NEW JERSEY

80 acre dairy farm gently rolling to level streams & pond 2 story home with 4 bedrooms & 2 baths large remodeled kitchen dining rm & laundry 60 stall barn & 80 freestall milkhouse bulk tank large shop new large machinery shed & corn crib 14x40 concrete silo & 200x25 trench silo $250 000

BUCKS COUNTY

100 acres of level Tinicum Bucks County soil 95I features lovely 2 story double home w 11 rooms & 2 baths 2 story bank barn w 50 stalls 1 mi road frontage A good operating dairy farm $360 000
PAYS FOR ITSELF

145 Acre jug milk farm superb facilities lg store & sales area 3500 gal milk holding capacity modern processing facility including ice cream making 185 cow free stall 5 lg silos lg heifer facility 2 double houses & 1 single home shop storage sheds outbuildings 200 cows 250 heifers full line of machinery additional rental acreage available Call for details $1 5000 000

171 Acre jug milk farm w/good sales store double 6 low line parlor 120 free stalls 3000 gallon milk holding capacity 20x80 & 30x60 silos 100 & 70 bunk feeders large 6 bedroom home completely modern lovely 2 bedroom ranch Also full line of cattle & machinery available Call for details $650 000 A 358

100 acre general farm w/large brick 5 bedroom home 1 baths in good cond large 2 story bank barn 20x60 concrete silo w/unloader & lots of frontage (adjoins 171 acre farm) $348 000

LANCASTER COUNTY - SUPER FARM

150 Acre Dairy Farm (2) 20x60 Harvestore (2) 24x65 concrete silos 203 cow super tree stall double 6 parlor 2000 gal bulk 150 tree stall heifer facility Lg shop tobacco shed 2½ story 3 family 3 section stone home pasture w stream 200 acre additional for rent Financing available to qualified buyer $585 000 #349

JUNIATA COUNTY

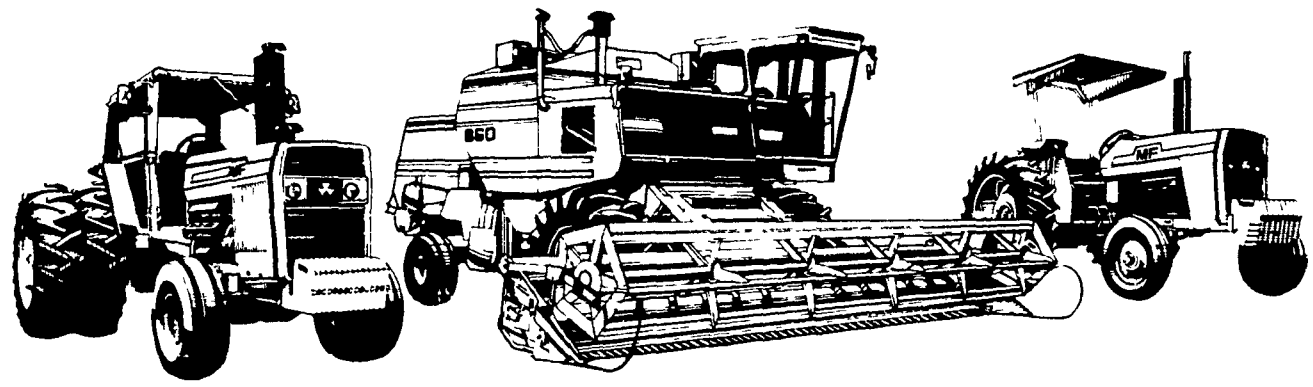
4000 sq ft family Greenhouse operation retail sales business includes lovely 2 story brick home w kitchen living room dinning room 2 bedroom & bath & large 2nd floor Also 48x50 storage building all for $75 000 Financing available

SCHUYLKILL COUNTY

260 Acres woodland near state game land nice laying asking $175 000 Reduced to $145 000

9%

FINANCING FOR ONE FULL YEAR



Right now, you can make your best deal on a new Massey-Ferguson combine. .most new MF farm tractors. .most new MF industrial tractors .. and finance through Massey-Ferguson at an annual percentage rate of only 9% for one full year.

It's a great rate — one that gives you the buying opportunity you've been waiting for. And what's more, you can get 9% A.P.R. financing on most new Massey-Ferguson implements when you purchase with an eligible combine or tractor.

OR GET A REBATE!

If you choose not to finance through Massey, you'll get a big rebate instead on your new equipment purchase. But hurry...because the sooner you act, the more you'll save. See the chart for available rebates.

9% ON USED EQUIPMENT, TOO!

9% A.P.R. financing from Massey-Ferguson is also available to qualified buyers on selected used equipment Check out our selection of used equipment soon.

MF NEW EQUIPMENT REBATES

	IF PURCHASED		
Agricultural Tractors	**May 3-May 28, 1982**	**May 29-July 2, 1982**	**July 3-July 30, 1982**
Compacts (16-26hp)	$ 500	$ 400	$ 300
Farm Utility* (34-81 hp)	1200	900	800
MF 2000 Series (100-190 hp)	2400	2000	1600
MF 4800 (225 eng hp)	3800	3400	2900
MF 4840 (265 eng hp)	4500	4000	3400
MF 4880 (320 eng hp)	5000	4400	3700
MF 4900 (375 eng hp)	5500	4700	4000
Industrial Tractors			
MF Wheel Tractors	$ 900	$ 700	$ 600
MF Tractor Loaders	1000	800	700
MF Tractor Backhoe Loaders	1800	1500	1300
MF 60 Backhoe Loader	2000	1700	1500
Combines			
MF 540, MF 550	$ 2800	$ 2500	$ 2400
MF 850, MF 860	3400	2800	2700
MF 851 PT	1500	1300	1200

*Except MF 254, 274, or 294 Tractors

PETERMAN FARM EQUIPMENT
225 York Road
Carlisle, PA
Ph: (717) 249-5338

S. G. LEWIS AND SON
West Grove, PA
Ph: (215) 869-9440
869-2214

MARLIN W. SCHREFFLER
Pitman, PA
Ph: (717) 648-1120

LEBANON VALLEY IMPLEMENT CO.
700 E. Linden St.
Richland, PA
Ph: (717) 866-7518

N. H. FLICKER & SONS, INC.
Maxatawny, PA
Ph: (215) 683-7252

M. M. WEAVER & SON
N. Groffdale Rd.
Leola, PA 17540
Ph: (717) 656-2321

ARNETT'S GARAGE
Rt. 9 Box 125
Hagerstown, MD
Ph: (301) 733-0515

GUS FARM EQUIPMENT INC.
Int. Rt. 616 & 214
Seven Valleys, PA 17360
Ph: (717) 428-1967

R.W. KELLER SALES
Perkasie, PA 18944
Ph: (215) 257-0101

ABRACZINSKA'S FARM EQUIP. INC.
RD 1, Catawissa, PA
Ph: 717-356-2323
(South on Rt. 42)

WEB SNYDER INC.
RD 1
Watsontown, PA 17777
Ph: (717) 538-5555

MEYERS IMPLEMENTS INC.
400 N. Antrim Way
Greencastle, PA
Ph: (717) 597-2176

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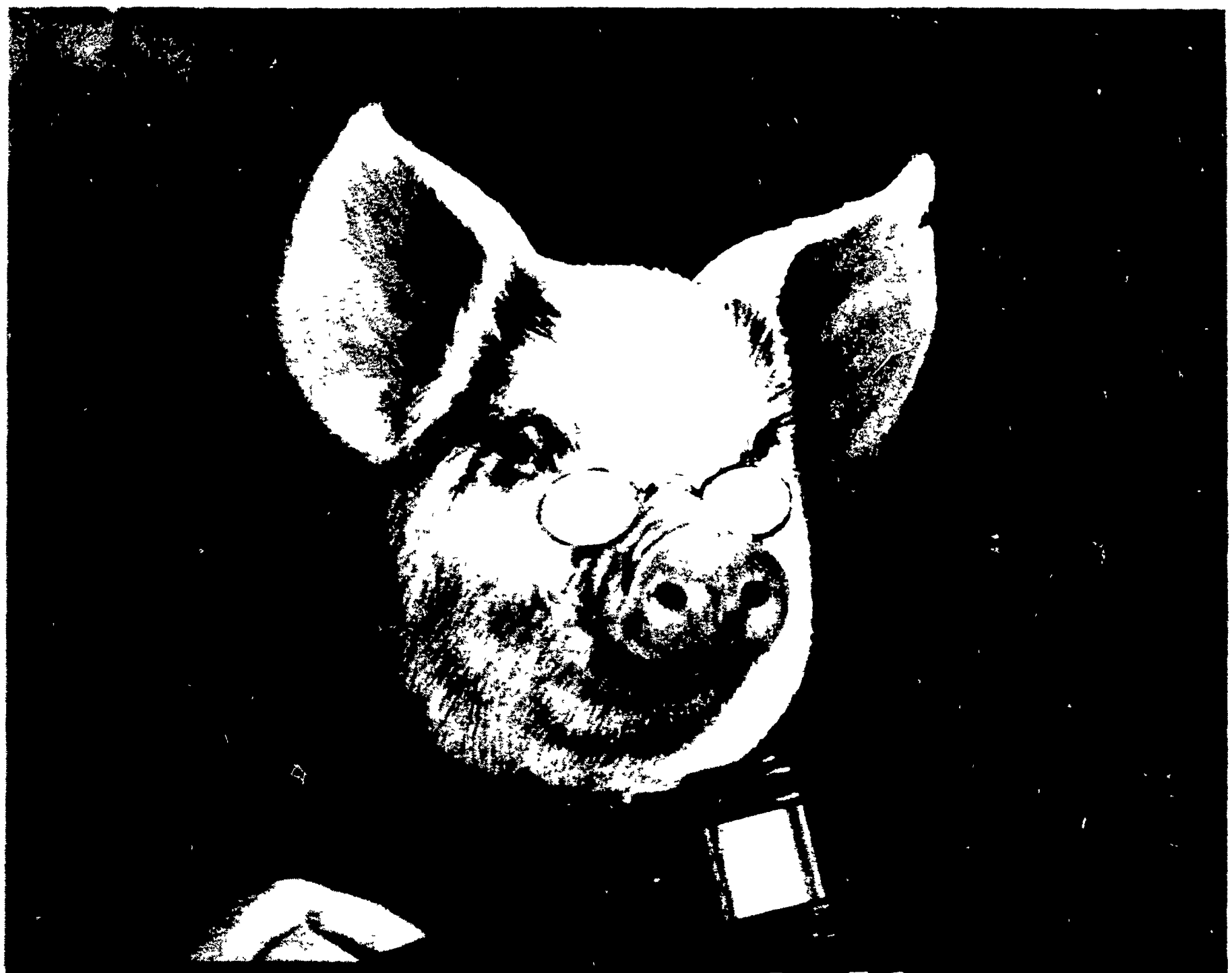

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Bedford Countian tops Lancaster feeder pig show

LANCASTER — Russell E. Kegg, Spotted Hog operator from Bedford County, continued his string of top placings in feeder pig shows with the grand champion pen at the first Lancaster Feeder Pig Show and Sale at the Stockyards Monday night.

The pen of six, which were seven-eighths Spots with a little Yorkshire mixed in, were singled out of the 25 pens in the show by judge Chet Hughes, Lancaster County livestock agent.

"This was one of the most uniform pens in the show," Hughes commented in selecting the grand champion.

"All in all, we have a lot of good project pigs here tonight."

The top Lancaster placing was the fourth grand or reserve championship captured by feeders off Kegg's Rusty Acres Farm, just northwest of Bedford, in the past three years. Other champions were crowned at Shippensburg.

The first-place pen in the medium weights, which went on to the grand championship, were first across the auction block before the bidding audience, which included a number of FFA'ers from Penn Manor, Ephrata, New Holland and Manheim.

Top bids for the grand champion pen, which averaged 53 lbs., ranged from a low of $58 to a high of $114 per head, for an average of $79 for the six.

All of the 150 animals were sold by the head, with top bidders having their choice from those in the ring

The reserve champion pen of six was shown by the Strauss Brothers, of Ephrata, Rick, Steve and Bob. Their pen topped the heavyweight division, averaging 63 pounds Winning bids for the reserve champions ranged from $60 to $79 per head, averaging $68.50 for the six

Overall, the 150 head comprising the 25 pens of six in the show and sale had an average weight of 50.2 lbs. and the average price per head was $62.23.

The Rusty Acres farm of Russell Kegg and his wife, Frances, includes some 90 sows in the farrow to finish operation. About one-quarter of the stock is purebred. The Keggs sell off a few feeder pigs per year, primarily at an on-farm sale in April, and then at the shows.

Many of their feeder pigs go to FFA'ers or 4-H'ers for projects. Last year, both the FFA and 4-H Roundup champions in Blair and Huntingdon Counties came off the Kegg operation. In addition, the Keggs' eight-year-old daughter, Ginger, had the champion pair of barrows in open competition at the Bedford County Fair last year.

Two pens of lightweights, shown by Larry Mullen, Bainbridge, which captured first and third in that division, were sired by a boar off the Kegg operation.

This initial Feeder Pig Show and Sale was cosponsored by the Lancaster County Swine Producers Association and the Lancaster Livestock Exchange. A trophy and $50 went to the champion and a trophy and $40 to the Reserve Champion entries. Cash awards were also made to the top three placings in each of the three divisions.

Other top winners included:

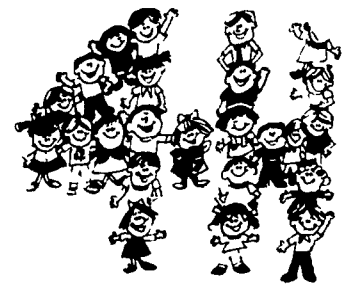
Lightweight Division – Larry Mullen, first; Doug Hancock, second; Larry Mullen, third; Dutch Valley Farms, fourth; and Frank Feeser, fifth.

Middleweight Division – Middle Creek Swine, second; Russell Kegg, third; Indian Run Farm, fourth; and Green Valley Farm, fifth.

Heavyweight Division – Strauss Brothers, second; Middle Creek Swine, third; Dutch Valley Farms, fourth; and Ray Martin, fifth.—DA

Russell Kegg, right, of Bedford, receives trophy for the grand champion pen of feeder pigs at the Lancaster Show and Sale from Bill Fisher, president of the Lancaster County Swine Producers Association. At te left are Ed Prosser, of the McCoy Cattle Co., and Lloyd Hoover, of Walter M. Dunlap and Sons. Show and Sale were consponsored by the Swine Producers and the Lancaster Livestock Exchange.

Trophy and ribbon for grand champion pen of Feeder pigs at Lancaster Show and Sale is displayed by Russell and Frances Kegg, of Bedford.



Reserve champion trophy at the Lancaster Feeder Pig Show and Sale is presented by Bill Fisher, second from left, president of the Lancaster County Swine Producers Association, to Strauss Brothers, of Ephrata, Rick, Steve and Bob. At left is Lloyd Hoover, of Walter M. Dunlap and Sons.

Annual Agronomy Field Day coming June 25

UNIVERSITY PARK — The 1982 Agronomy Field Day held annually at Penn State's Rock Springs Agricultural Research Centre, 12 miles west of State College on Route 45, is scheduled for Friday, June 25, according to James Starling, Head, Department of Agronomy.

"This year's field day, always a popular event for Pennsylvania farmers, will feature forages and small grains", Starling reports. "All aspects of forage crop production including research on species, varieties and mixtures, fertility, management, no-till establishment, and weed control will be emphasized. In addition to studies on our traditional forage crops, new findings on warm season grasses and brassica crops will also be seen."

Research at the USDA Pasture Research Laboratory will be on display as well as that of the Agronomy Research Farm.

Winter and spring grain research will also receive top billing. This research, spearheaded by the recently formed Interdepartmental Centre For Cereal Research, includes, studies on varieties, disease control, management and weed control.

Farm Superintendent Lynn Hoffman, local host for the day, indicates activities will get underway at 9:30 a.m. with wagon tours to both forage and small grain plots. Tours will be repeated in the afternoon so that visitors will see research on both forages and small grains. All tours should be concluded by 4 p.m.

Penn State and Pasture Lab researchers will be on hand to answer individual questions on forages and small grains, and lunch will be available on site for all those in attendants

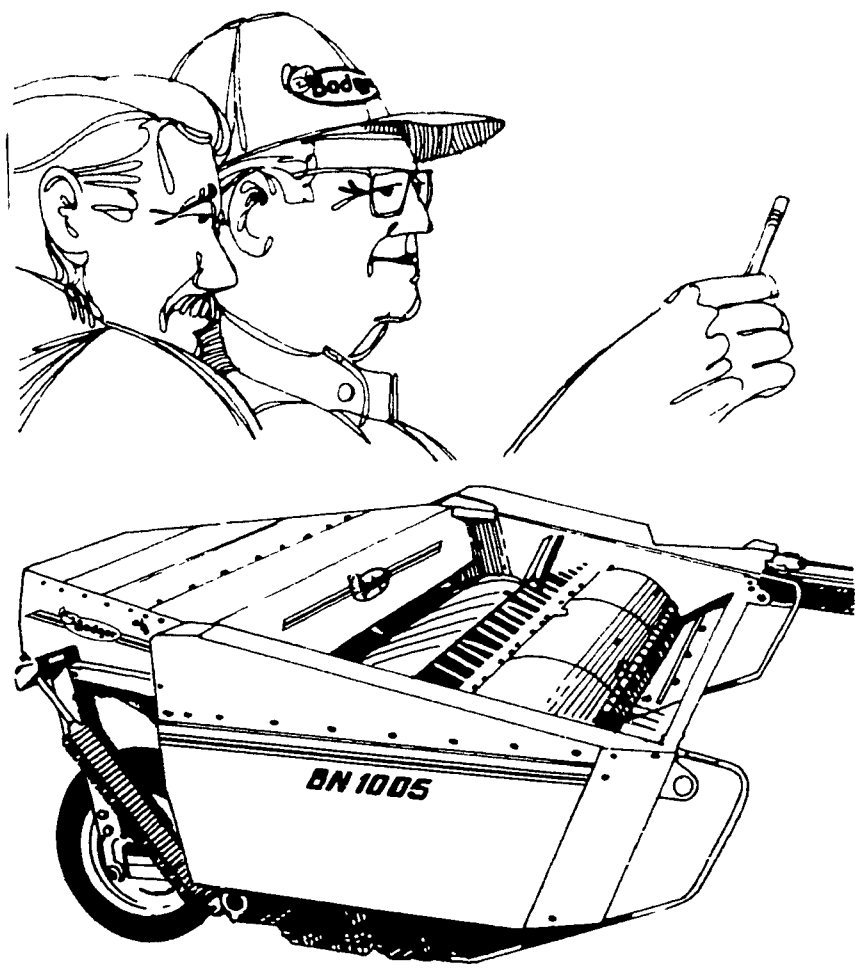
"The Field Day will go on rain or shine", Hoffman concludes "We'll be prepared to move indoors in the event of bad weather where scientists will discuss their research findings. Exhibits will also be on display and a handout summarizing the reports of the day will be available for all those attending."

A special feature of the Field Day will be a demonstration of the Penn State Mobil Van involving Near Infrared Reflectance Analysis as a rapid means of analyzing forages for quality components. Visitors are invited to bring along a sample of first cutting hay or hay crop silage for analysis.

"This is also an excellent time for farmers to bring in samples of first cutting hay and hay crop silage for the competitive shows to be held as a part of Ag Progress Days '82," reminds Extension Forage Crop Agronomist John Baylor. "Silage samples should be at least one gallon in size packaged tightly in a heavy plastic bag, properly identified and frozen. "We'll store these in a deep freezer at Penn State until show time. All silage samples will be analyzed and judged on the basis of both visual and chemical analysis."

First-cutting hay samples should consist of a bale section at least one foot thick. Select early cut, leafy, and green samples relatively free of foreign material including weeds. Properly identified hay samples brought in on June 25 also will be stored until show time in August. Other samples from hay grown in 1981 can be submitted until 10 a.m., Tuesday, August 25, the first day of Ag Progress Days '82.

Entry forms for both hay and silage are available from local county Agricultural agents or from the office of Richard Hand, secretary-treasurer, Pennsylvania Forage and Grassland Council Milton Hershey School Farms. Founders Hall, Hershey, PA 17033



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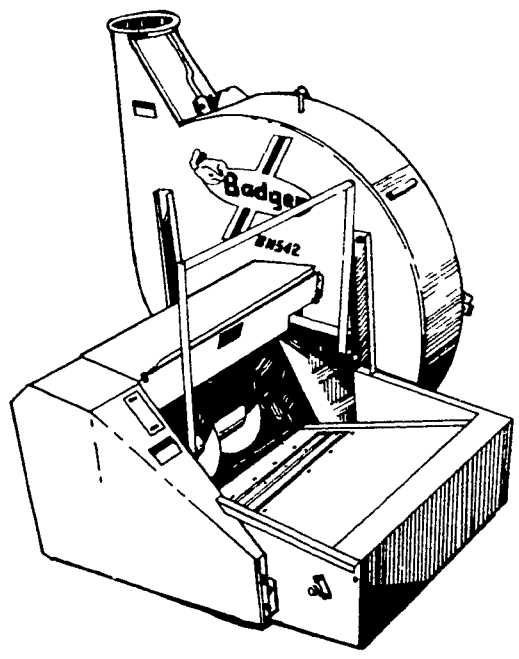

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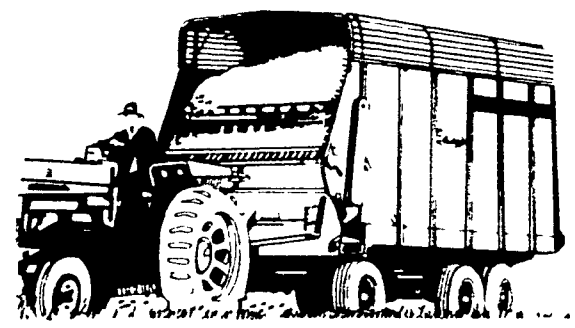

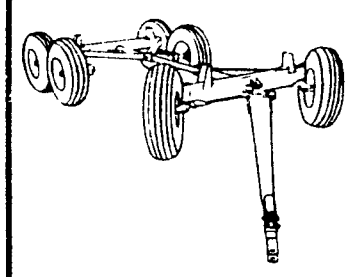

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Keep birds cool this summer

Editor's note - This is the first of two articles in which University of Delaware s Ernest Walpole explains poultry heat stress and a relatively new method of evaporative cooling that has been proven effective in East Coast houses

NEWARK, Del — Heat can stress all poultry The results will vary depending on the age of the birds and the severity of the heat, but the effects are permanent, says University of Delaware Extension agricultural engineer Ernest Walpole.

Summer pen temperatures up to 94 degrees Fahrenheit have a minimal effect on broilers "When birds are exposed to 90 degrees Fahrenheit or higher for 24 hours a day, there is a definite slowdown in growth rate, but with normal night cooling they compensate by eating more at night," he says.

When pen temperatures reach 95 Fahrenheit and higher, there is some mortality. If temperatures exceed 100 Fahrenheit, over half the older or mature birds will die Survivors heat-stressed at 95 F plus will suffer a reduced growth rate.

It will take two or three days longer to get them to the desired weight; otherwise they'll be lighter than expected when processed. Younger birds have a higher heat tolerance than older ones, but at temperatures above 105 F practically all chickens will die, regardless of age, says Walpole.

Heat stress on breeder flocks is triply damaging. In addition to the threat of mortality, there's a reduction in the number of eggs laid per hen and a lower hatchability rate of the eggs that are produced. There's also some evidence that heat-stressed pullets don't reach the same level of egg production that nonstressed birds achieve. Apparently there is some permanent damage to the pullets' reproductive system.

"Broiler growers are probably least affected by possible heat stress," says Walpole "They can't have more than two summer flocks a year and they aren't too concerned until the birds are six weeks old. So there are only five or six weeks in the season to worry about a heat wave "

Pullet growers also are concerned after their birds are six weeks old. Since birds are kept for 20-22 weeks, they might be worried about heat waves all summer. Breeder flock managers work with mature birds so they, too, worry all summer.

"Those most worried are the contracting companies," says Walpole. "They own all these birds–broilers, pullets, layers. They have invested a lot in them. It's one thing to lose a week-old chick; a four-pound bird is a much greater loss."

The companies schedule flocks to keep their processing plants running, so at any given time there are many flocks susceptible to heat stress. In addition, contractors are concerned about their replacement pullets and breeder flocks.

Companies also worry about the scale and repercussions of heat stress mortality. When this occurs, it's not merely a 1 or 2 percent loss. It's not uncommon to lose half the birds in a house. Such a loss can affect the number of hours a processing plant operates and the number of birds going to market. It can also seriously reduce the number of hatching eggs available for months to come

Considering all these factors, it's not surprising that most broiler companies are encouraging their growers to install evaporative cooling systems to prevent heat losses.

How often can we expect summer temperatures that cause serious heat stress? Every year, according to Walpole

Last year was not as hot as most, with only two heat waves In 1977 there were 36 days between June 1 and Aug. 31 when temperatures reached 90 F or higher. On 12 of these days the temperature was 95 F or higher. The hottest day was 102 F (from data recorded at Salisbury airport)

Can we cool a poultry house by means of evaporative cooling? Yes, says Walpole.

Several years ago it was thought that evaporative cooling wouldn't be effective on the humid East Coast Weather data analyses disprove this theory. Evaporative cooling is possible because it takes heat to evaporate water—1000 BTUs to evaporate one pound of water.

Walpole explains· "If you boil water for coffee, you must apply heat to the kettle. With evaporative cooling you mix air with water. The water evaporates and the water vapor is held in the air The heat that's required to vaporize the water comes from the air, thus reducing its temperature. The amount of cooling that is possible is limited by the amount of water vapor in the air initially, and by the temperature of the air."

The amount of moisture in the air at any given time can be determined from the relative humidity (RH) If RH is 60 percent, the air is 60 percent saturated with water vapor. This also means that it can evaporate and hold 40 percent more water vapor.

"The other thing that works for us is that the actual amount of water vapor the air can hold increases dramatically as the air temperature rises," Walpole says. For example, 60 F—77 units of water vapor; 75 F—131 units, 90 F—217 units; 105 F—353 units. So, if the air is 90 F at 60 percent RH it is holding 60 percent of 217 or 130 units of water vapor.

"However, we can evaporate into it another 87 units and obtain a substantial amount of cooling," he adds.

For the temperature data cited above, the average RH was just over 50 percent. When the temperature was 95 F or higher the RH ranged from 42 percent to 55 percent and the potential cooling was from 15 to 18 F Calculations backed by field experience indicate that broiler or layer houses on the Delmarva peninsula can be held at 85 F by evaporative cooling systems.

(Next week Walpole will describe various evaporate cooling systems, the effect of air movement/ventilation rate, and the amount of water that can be evaporated to keep poultry comfortable during hot weather)

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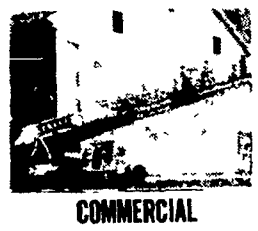
INDUSTRIAL  RESIDENTIAL

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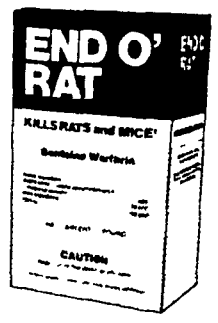

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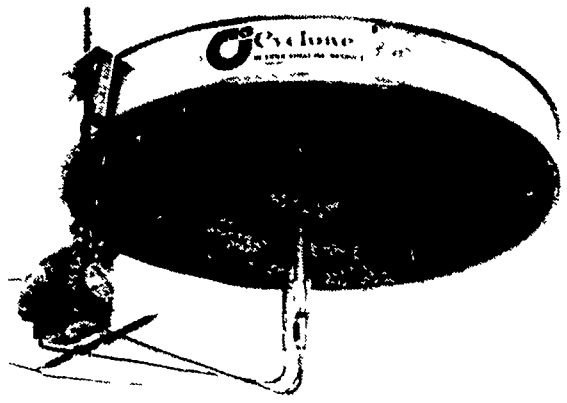

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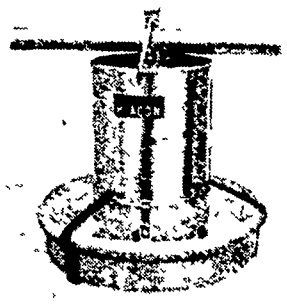

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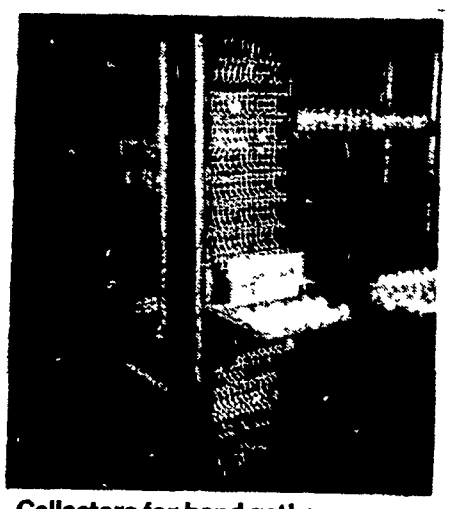

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Cumberland wool pool set for June 23

CARLISLE — The Cumberland Cooperative Sheep and Wool Growers will be holding its annual Wool Pool on Wednesday, June 23 from 7 a m. until 3 p m.

This year's pool, limited to one day, will be held at the Carlisle Fairgrounds, located along Route 34 near the H R Gutshall and Sons John Deere dealership. Producers from nearby counties along with Cumberland County wool producers have been invited to market their fleeces through the pool

According to Donna L. Duncan, secretary-treasurer of the association, this year's buyer is Thomas F Draper Wool Co of Boston, Massachusetts She reports the cooperative received the highest bid for medium wool sold at the state level

Producers will receive the following prices for their fleeces, minus a charge for dues and expenses based on the total poundage of wool pooled by each individual

— 3/8 and 1/4 staple, 44 cents, 3/8 and 1/4 clothing, 40 cents, medium and fine rejects, 35 cents, low 1/4, 40 cents, fine and 1/2 staple, 44 cents, fine and 1/2 clothing, 40 cents, black and natural, 35 cents, and tags, 10 cents

Duncan reminds all producers that fleeces must be tied and that paper twine can be purchased at the fairgrounds

Loose fleeces and fleeces tied with binder twine or other string will be sold as rejects," she stresses 'Use only paper fleece twine to tie your wool

' Wool must be free of excessive moisture If wet, dry the fleeces in the sun and store them in a dry place not in the cellar or on concrete

Do not bring wool to the pool in plastic woven bags Fleeces that are brought to the pool in plastic woven bags will be severely discounted

When a producer brings wool to the pool, says Duncan, the fleeces will be graded and weighed in the pooler's presence A receipt showing the pounds of each grade of wool will be presented and producers will receive their checks within a couple of weeks

Duncan requests that these payment checks be cashed within 90 days After 90 days, she points out, the checks will be voided and no checks reissued

In case any producers do not receive their checks within 4 weeks, Duncan asks them to contact her immediately

Penn State Extension livestock specialists will conduct wool grading demonstrations as part of the day's activities

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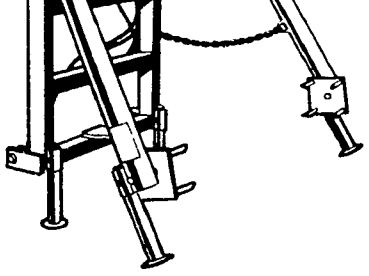

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Gehl has Put Good Ideas to Work in their 1500 bale handler Whether you need to lift bales onto trucks, into bunks, over fence-lines, or just around the farm, this bale handler can tackle the job Fitted to category II and III tractors, the 1500 bale handler lifts bales high enough to clear 11½ feet! Stop by and see how Gehl Put Good Ideas to Work in the 1500 bale handler!

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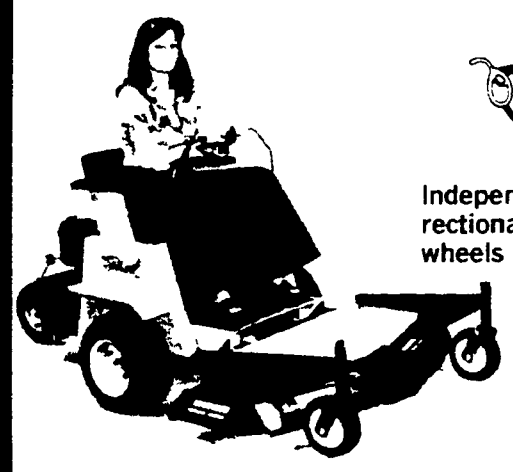

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Farm Business News

The International Harvester Model 884 tractor, the most powerful in the new Series 84 line, is one of six models featuring row-crop, utility, low-profile and four-wheel drive versions.

IH improves '84' tractor line

CHICAGO, Il. — International Harvester has announced an improved line of 84 Series tractors from 42.4 to 72.9 PTO hp. Five utility tractors in the series can be equipped with four-wheel drive, the first time IH has offered such an option in tractors of this size. The tractors also have a number of features not commonly offered as standard on models in this horsepower range.

The six models in the 84 Series are available in either row-crop or utility versions. Each utility model has a low-profile version for orchard, nursery and other specialty applications.

The Series includes the 884 which delivers 72.9 PTO hp; the 784, 67.4 hp; the 684, 62.5 hp; the 584, 52.5 hp; and the Hydro 84, 58.7 hp — all powered by four-cylinder diesel engines. Model 484 at 42.4 hp is powered by a three-cylinder diesel.

An "H" shift pattern for more convenient shifting of standard transmission models is among the many improvements incorporated into these new 84's.

A 16F/8R speed Torque Amplifier transmission is standard on the 884, and optional on the 784 and 684. The Hydro 84 has a variable speed hydrostatic drive transmission, while the 484, 584, 684 and 784 have 8F/4R constant-mesh synchronized transmissions.

The International "Dyna-Life" clutch is another standard equipment feature on all models except the Hydro 84. Dyna-Life clutches have cera-metallic facings which run cooler and last up to five times longer than fiber facings.

84 Series tractors are equipped with a Category II three-point hitch with torsion-bar draft control. The hitch senses and responds to load changes as fast as three times per second for precise implement control and steadier operation in varying field conditions. The hitch has outside check chains on the utility and low-profile models and inside check chains on row crop models. Check chains eliminate the requirement for stabilizers.

A high capacity hydraulic system on 84 models provides easier steering, braking and implement control. Hydrostatic power steering and hydraulic disc brakes make tight turns easier and improve maneuverability in close quarters. Independent power take off units are standard.

A wide choice of axles are available for the Series. Row-crop models have high clearance and straight front axles that adjust to any of six positions from 52 to 80 in. A "tobacco special" axle with adjustments for 88 or 96 in. is available, providing an extra-wide base for cultivating tobacco and similar crops. The utility versions have adjustable straight front axles also.

Cabs, produced by Sims Manufacturing Co., are available for all 84 models except low-profile versions. The optional cab provides rollover protection, and a comfortable operating environment It is an all-weather steel cab with an integral ROPS frame.

Standard protective equipment for all models is a ROPS frame that can be equipped with an optional canopy. A new deluxe suspension seat is standard also. The seat has controls that adjust for individual weight and height

Dow announces research grant

ATLANTA, GA — With a $50,000 contribution, the Agricultural Products Department of Dow Chemical has added its support to the Foundation for Agronomic Research (FAR).

FAR is a tax-free organization which sponsors research in total crop management for maximum economic yields It is affiliated with the Potash & Phosphate Institute (PPI), with headquarters in Atlanta, Ga

Nitrogen stabilizers are among the important agricultural products of Dow Research has shown enhanced uptake of potassium and phosphorus through optimum nitrogen utilization

FAR now sponsors 61 different research projects in the U.S. and other nations It was established in 1980 to offer all segments of the fertilizer, seed, pesticide, farm equipment, and other industries the opportunity to invest in well integrated crop production research

"We encourage the quest of maximum crop yields in research and maximum economic yields for the farmers," says R E Wagner, President of FAR and PPI "The object is teamwork from all disciplines — to show growers and their suppliers how their different inputs can interact to break those yield barriers that hold down production and profits "

Members of the Joint Southeast PCA and FLBA Board of Directors taking part in dedication of new Avondale Branch include, from the left, Wallace Derstein, Isaac Geissinger, Harold Knechel, Earl Stover, FLBA president; Peter Collins, William Moore, PCA president and member of the District Board; Wilmer Hostetter, Ralston Brown, who serves as both a PCA and FLBA director; and Charles Frederick.

SE Farm Credit dedicates new branch at Avondale

AVONDALE — The new Avondale Office of the Southeast Farm Credit Associations was officially dedicated with an Open House on Friday, May 14.

Members of the Board of Directors of the Joint Production Credit Association and Federal Land Bank Association gathered at the new facility for the ribbon cutting ceremony and dedication.

Sharing the ribbon cutting honors were Earl Stover, FLBA president; and William Moore, PCA president and a member of the District Board.

Also taking part from the Joint PCA and FLBA Board were Wallace Derstein, Isaac Geissinger, Harold Knechel, Peter Collins, Wilmer Hostetter, Ralston Brown, who serves as both a PCA and FLBA director, and Charles Frederick.

PCA President Moore traced the progress of the Production Credit Association since it was chartered in the Philadelphia area in 1934. Similar comments showing the growth of the Southeast Federal Land Bank since it was chartered in 1946 were given by FLBA President Stover.

General Manager Kenneth S. Risser discussed the Farm Credit staff and the services they offer and introduced Herbert Kratz, who previously had served as general manager when the post was known as secretary-treasurer of the Associations. The prayer was offered by FLBA Director Isaac Geissinger.

The open house program, which was attended by more than 200 persons, included door prizes, gifts to commemorate the occasion and the serving of refreshments.

The Southeast Farm Credit Associations serve more than 2,000 in the five-county Philadelphia area. The Avondale Office is the third branch and serves southern Chester County and Delaware County with short, intermediate and long-term agricultural loans and other financial services.

The new Avondale Branch is located on Rt. 41, just south of Rt. 1. The two other Southeast branches are located in West Chester and Silverdale, Bucks County.

The Avondale Branch is responsible for 750 members and approximately $60 million in outstanding loan volume The overall loan volume of the Southeast PCA and FLBA is approximately $142 million.

Area firms attend Cobb talks

KALAMAZOO, Mich. — Representatives of several poultry firms from North Carolina, Virginia and Pennsylvania recently attended a broiler/breeder management seminar sponsored by Cobb, Incorporated, a primary poultry breeder.

The main speaker at the seminar was Dr. Caswell Eidson, professor at the Poultry Disease Research Center, Athens, Ga., who discussed modern day problems of Marek's disease and new trends in vaccination programs.

Poultry firms represented at the seminar included B & L Feeds, Morganton, N.C.; Master Hatchery, Statesville, N.C.; Rockingham Poultry Co-Op, Broadway, Va.; Rocco Chicks, Harrisonburg, Va.; Heatwole Hatchery, Harrisonburg, Va.; Mandata Poultry, Gettysburg, Pa.; Victor F. Weaver, Inc , New Holland, Pa Longnecker Hatchery, Elizabethtown, Pa.; and Pennfield Corp , Lancaster, Pa.

During the seminar, Cobb Director of Research and Development Perry Joiner presented an overview of Cobb research activities along with data on the firm's breeder female and male.

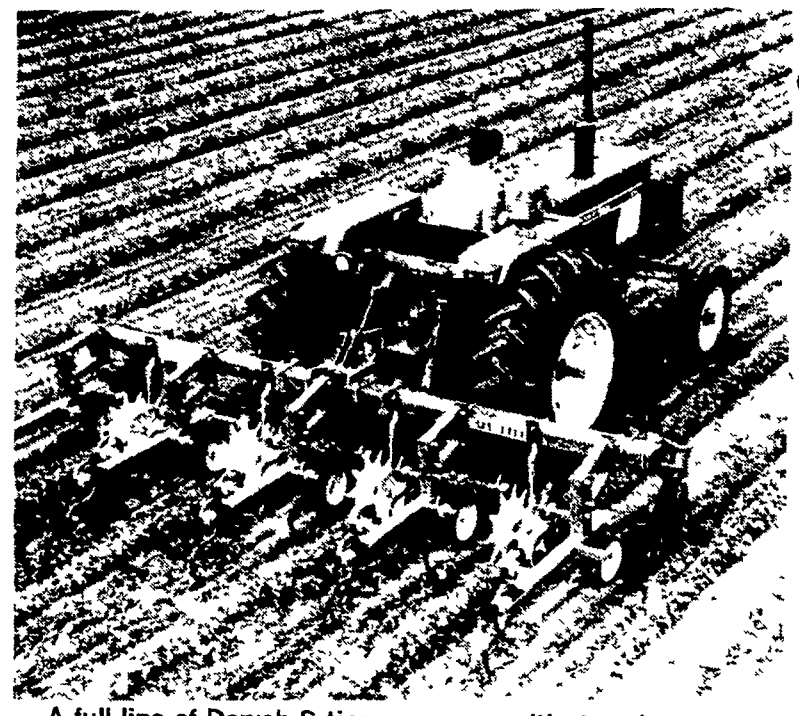
Cobb Technical Services Manager Bill McPherson further reported on current field performance of the new Cobb broiler.

Bernard Rodee, Director of Marketing for Cobb, summarizes the introduction of Cobb's improved broiler for the '80s: "Our new bird shows a consistent positive comparison to other popular breeds in feed conversion, growth, percent condemnations and yield."

Representatives of TUCO, Division of The Upjohn Company, Dr. Del Meyer, Technical Services Representative for TUCO, and Bill Greve, TUCO product manager, led discussions on poultry diseases and feed management, respectively. The visiting poultry leaders also presented their views at a round table discussion.

June is dairy month

Farmhand offers cultivators



A full line of Danish S tine row crop cultivators is now offered by Farmhand, Inc., of Hopkins, Mn. The line includes 4, 6 and 8-row straight beam models, as well as 6, 8 and 12-row folding wing models. All of the models are manufactured at Farmhand's Green Isle, Mn. plant.

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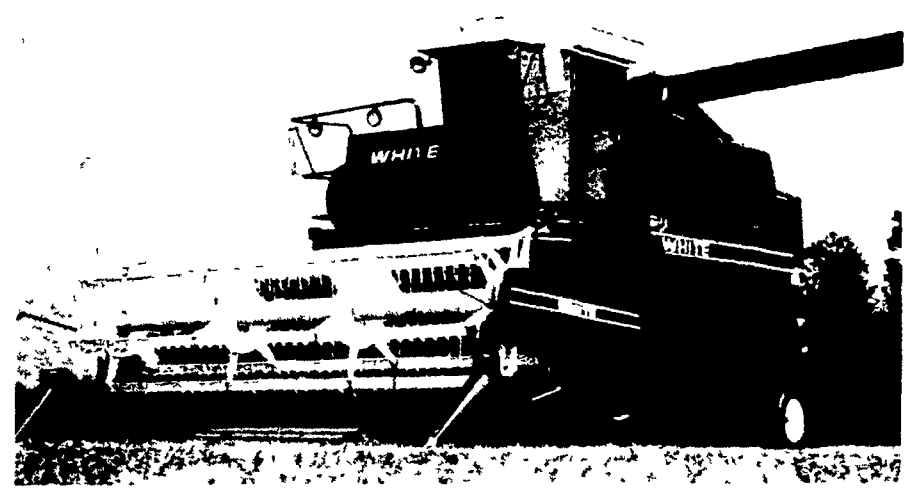

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Simplicity adds 3 diesel tractors

PORT WASHINGTON, Wis — Three models of diesel-powered tractors have been introduced by the Simplicity Manufacturing Co., which is an Allis-Chalmers company

The Simplicity Model 9528 diesel tractor features 26.42 PTO horsepower with travel speeds from three-tenths to 13 miles an hour.

These tractors are available in two and four wheel drive models with two-cylinder, water cooled engines The tractors are available with a full range of working attachments including Simplicity's 60-in. mower. Features for all models include long engine life with low maintenance, heavy duty construction and a high level of fuel economy There is a two-year warranty on the power train All have 12 forward speeds and three reverse speeds from three speed ranges

The Model 9523 2WD has a 21 79 PTO horsepower engine (25 engine horsepower) with a 77.1 cubic inch displacement The forward speed range is 0.2 to 8 6 miles an hour. Drive is two wheel

The Model 9528 has a 90 1 cubic inch engine that provides 26 42 PTO horsepower (31 engine horsepower) Speeds range from 0 3 to 13 miles an hour Displacement is 90 1 cubic inches Drive is two wheel

The Model 9523 4WD has a 21.79 PTO horsepower engine (25 engine horsepower) with 77.1 cubic inch displacement Speeds range from 0.3 to 11.2 miles an hour. Drive is four wheel.

Standard equipment on all three models includes hand and foot accelerators, retractable draw-bars, 12-volt batteries, hydraulic position control single stage clutches and others Optional equipment inclues ROPS canopies and frames, front weights, rear wheel weights, turf tires and breakaway coupler groups

Vicky Waas to promote liquid eggs for Weaver

NEW HOLLAND — Vicky L. Wass has been named Account & Product Manager, Liquid Egg Products, at Weaver's Quality Eggs, Inc.

Ms Wass joins Weaver's Quality Eggs after serving three years as the Pennsylvania Egg Promotion Specialist for the Pennsylvania Department of Agriculture's Bureau of Markets. In that post she was responsible for the promotion and demonstration of egg products to consumers and furthering their awareness of the versatility and value of egg products.

She is a graduate of Indiana University of Pennsylvania where she majored in nutrition education and dietetics She is a Certified Nutrition Specialist.

As Account & Product Manager for Liquid Eggs, she will be responsible for fostering a better awareness, understanding, and usage of Weaver's Liquid Egg Products by end users, and the development of related marketing activities. In addition, she will be assisting Weaver Foodservice District Sales Managers in presentations.

Vicky L. Waas

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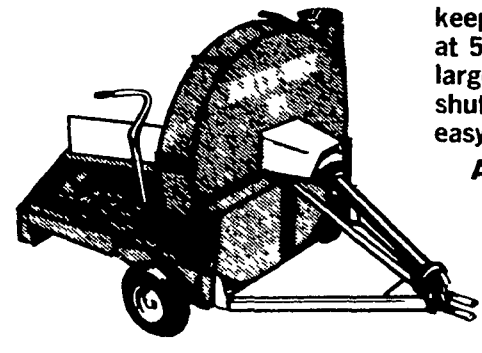

It's 54" fan and specially designed flow system keeps material moving evenly into the silo. Operates at 540 rpm, with optional heavy-duty PTO shaft for large tractors. Big 12-inch auger has single-lever shutoff control with brake Angled hopper makes it easy for wagons to reach unloading position.

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1,000	4'0"	10'8"	7	1,129	358.00
1,000	5'4"	6'0"	7	1,028	333.00
1,500	5'4"	9'0"	7	1,388	447.00
2,000	5'4"	12'0"	7	1,735	546.00
3,000	5'4"	17'11"	7	2,432	736.00
4,000	5'4"	23'10"	7	3,130	929.00
5,000	8'0"	13'7"	1/4"	4,484	1645.00
6,000	8'0"	16'2"	1/4"	5,123	1800.00
8,000	8'0"	21'6"	1/4"	6,475	2230.00
10,000	8'0"	26'10"	1/4"	7,825	2660.00
10,000	10'0"	17'0"	1/4"	6,956	2405.00
12,000	10'0"	20'6"	1/4"	8,074	2800.00
12,000	10'6"	18'7"	1/4"	7,900	2690.00
15,000	10'6"	23'2"	5/16"	11,857	4000.00
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280	36½"	5'	12	280	65
1,000	5'4"	6'	7	827	75 to 100
1,500	5'4"	9'0"	7	1,388	75 to 175
2,000	5'4"	12'0"	7	1,735	100 to 200
3,000	5'4"	17'11"	7	2,432	150 to 300
4,000	5'4"	23'10"	7	3,130	250 to 500
5,000	6'0"	23'8"	1/4"	5,089	500

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3,000	5'4"	17'11"	7	2,312	300.00
4,000	5'4"	23'10"	7	3,010	400.00

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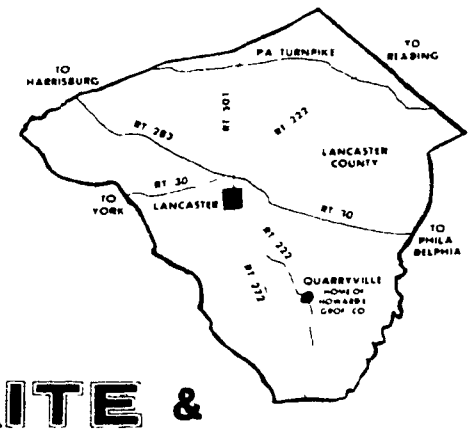

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Haldeman joins Beachley-Hardy

James F. Haldeman

LANCASTER — James F Haldeman, 2590 Keeney Dr , York, has joined Beachley-Hardy Seed Co , Shiremanstown, as a sales representative in Central Pennsylvania and Central Maryland Beachley-Hardy is a division of Pennfield Corporation, Lancaster

Haldeman is a graduate of Schuylkill Valley High School He earned his B S and M S in Agronomy from Pennsylvania State University While at the university, he served as a laboratory assistant coordinator and also as a teaching assistant in graduate research

Prior to joining Beachley-Hardy, he served as an agricultural agent in York County, where he was responsible for agronomic educational programs and 4-H activities He has also worked as a technical sales representative for Shell Chemical Company in Western Michigan

Farm Credit names Heider as director

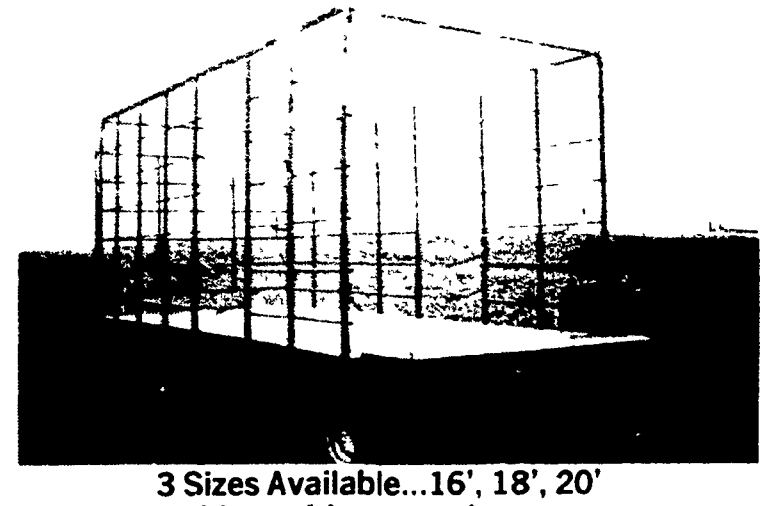
BALTIMORE, MD — The Farm Credit Banks of Baltimore, the area's leading agricultural lending institution, has announced the employment of Dale Heider as Director of Estate Planning

Prior to joining the Banks, the Nebraska native was employed by the Federal Land Bank of Omaha as Supervisor of Financially Related Services He holds a B S B A in accounting from Creighton University and a J D from the Creighton Law School

The Farm Credit Banks of Baltimore, part of the nation-wide Farm Credit System, have over $3 billion in outstanding loan volume The Baltimore Banks serve farmers and agricultural cooperatives in the states of Maryland, Delaware, Virginia, Pennsylvania, West Virginia, and the Commonwealth of Puerto Rico

HAY WAGONS FOR SALE

Wood or Steel



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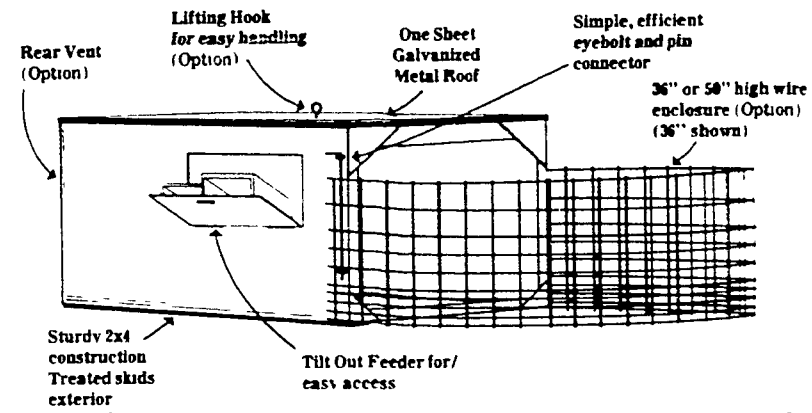
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Summer machinery storage pays off

LANCASTER — Do you bother to store idle equipment during warmer weather? In some respects, a sunny June day can be just as detrimental to a tractor as a damp, cold day in December.

Larry Johnson, Massey-Ferguson Service Training Manager, stresses the importance of proper storage during spring, summer and fall. According to storage plus proper maintenance can protect a tractor heat, moisture, dust and mud.

"When you first take a tractor our of winter storage in the spring, mud can be a real problem," the MF specialist says. "This is a time when you should be especially concerned about the tractor's appearance. Keep it clean. After a day in the field, clean off the mud that can build up from that day's use, then park it in a shed."

This routine procedure does more than maintain a good appearance. "A tractor's engine has many breathers which allow air flow for cooling," Johnson explains "Mud can clog those breathers, resulting in engine over-heating."

With the arrival of summer, hot sun and dust are threatening elements. "Accumulation of dust in any of the tractor's hoses, or in air ducts, can cause complete engine failure in just a couple of hours," Johnson warns. "Dust can also damage roller bearings – again, resulting in extensive and costly repairs.

Johnson notes that parking equipment under cover when not in use helps prevent dust from setting on vital engine parts Cover also provides shade, which will help prevent the tractor's hoses from cracking. Extended periods of bright sunlight and heat can damage both hoses and tires, and harm a machine's paint job.

"Although manufacturers have developed new paints which are more resistant to wear, sunlight can still cause some fading or flaking," he says. "Touch-up the paint job if this happens. This will help prevent rust, and will maintain the appearance of the machine. Protect your sizeable investment in equipment. Good looking paint makes the tractor look well cared for, and that can make a tremendous difference in resale value."

As summer changes to fall, damper conditions arrive. Johnson cites rust as the primary threat to equipment during this period. He suggests keeping tractors clean and dry when not in use and keeping the paint touched up.

Driving a tractor to storage facilities at the end of a day may seem like a waste of time and fuel, but it can pay off Johnson adds that beside protection from weather, storing your equipment indoors discourages thieves.

"If a tractor is left in the field or on some dark back road, it is very susceptible to vandalism or theft," he says. "We're talking about expensive equipment. You can't afford to take any chances."

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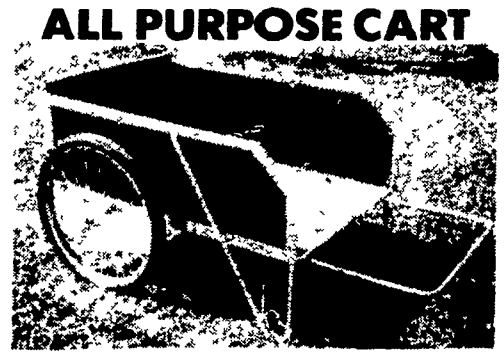

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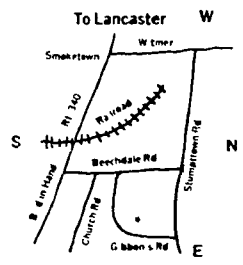

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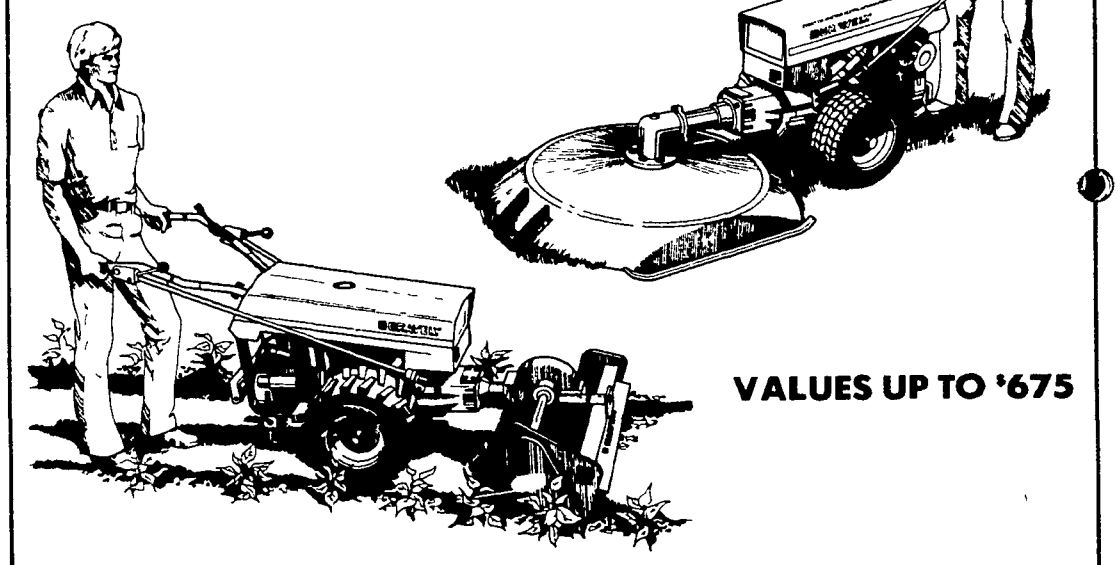

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Farming's Futures

By David K. Sauder
Commodity Advisor
Trade Tech, Lancaster

This week we conclude the alphabetical list of common terms in the futures industry and the definitions for these terms.

* **Selling Hedge (or Short Hedge)** - Selling futures contracts to protect against possible decreased prices of commodities which will be sold in the future. See also "hedging."

* **Short** - As a noun, one who has sold futures contracts or the cash commodity (depending upon the market under discussion) and has not yet offset that position. As a verb, the action of taking a position in which one has sold futures contracts (or made a forward contract for sale of the cash commodity) without taking the offsetting action.

For example, if you had no position and you sold five contracts, your action would be "shorting the futures," and you would then be a "short." However, if your previous position was one of having bought five contracts (i.e., "being long five"), and you then sold five contracts to offset that position, your second action would not be referred to as "shorting," because your position when the second action was concluded would be zero.

* **Speculator** - In an economic sense, one who attempts to anticipate commodity price changes and to profit through the sale and purchase or purchase and sale of commodity futures contracts or of the physical commodity; provides liquidity to the market by acting as buyer or seller to the long and short hedger.

* **Spreading** - The purchase of one futures contract and sale of another, in the expectation that the price relationships between the two will change so that a subsequent offsetting sale and purchase will yield a new profit.

Examples include the purchase of one delivery month and the sale of another in the same commodity on the same exchange, or the purchase and sale of the same commodity on different exchanges, or the purchase of one commodity on different exchanges, or the purchase of one commodity and the sale of another (wheat vs. corn or corn vs. hogs), or the purchase of one commodity and the sale of the products of that commodity (soybeans vs. soybean oil and soybean meal).

* **Ticket Tape** - A continuous paper tape transmission of commodity or security prices, volume and other trading and market information, sent on private leased wires by the exchanges, available to their member firms and other interested parties on a subscription basis.

* **Variation Margin Call** - A call for additional margin deposits made by a clearinghouse to a clearing member while trading is in progress when current price trends have substantially reduced the clearing member's margin deposits. Variation calls are payable within the hour.

Send your questions about futures trading to Farming's Futures, Lanc. Farming Newspaper, Box 366, Lititz, PA 17543.

Federal meat inspectors get paid to clean up

WASHINGTON, D.C — Up to 15 minutes a day that inspectors in slaughter plants spend preparing for the job and cleaning up after work will be counted as part of the eight-hour inspection day provided to meat and poultry plants at government expense, under a new proposal by the U S Department of Agriculture

Up-to-now USDA contended that changing clothes and cleaning up were not "hours of work" and an integral part of the inspector's job However, the union representing government meat and poultry inspectors disagreed and presented the matter to the Office of Personnel Management, which upheld the union. USDA appealed the OPM ruling to the comptroller general, who sustained the OPM and union position, according to Donald L Houston, administrator of USDA's Food Safety and Inspection Service

The proposal provides that the time spent on preparatory and cleanup activities — up to 15 minutes per inspector per day — would be treated as any other inspection service for the purpose of determining hours of work and the overtime and holiday work costs to be reimbursed by federally-inspected plants

Under federal regulations, five consecutive eight hour days of inspection per week are provided to a plant at government expense Any inspection service provided in excess of these amounts is overtime, the cost of which is borne by the plant which has requested the additional service

A notice concerning the proposal was published in the May 7 Federal Register, available in many public libraries. Comments, in duplicate, are due by July 6 They should be addressed to Regulations Office, Attention Annie Johnson, Room 2637-S, USDA, Food Safety and Inspection Service, Washington, D C 20250

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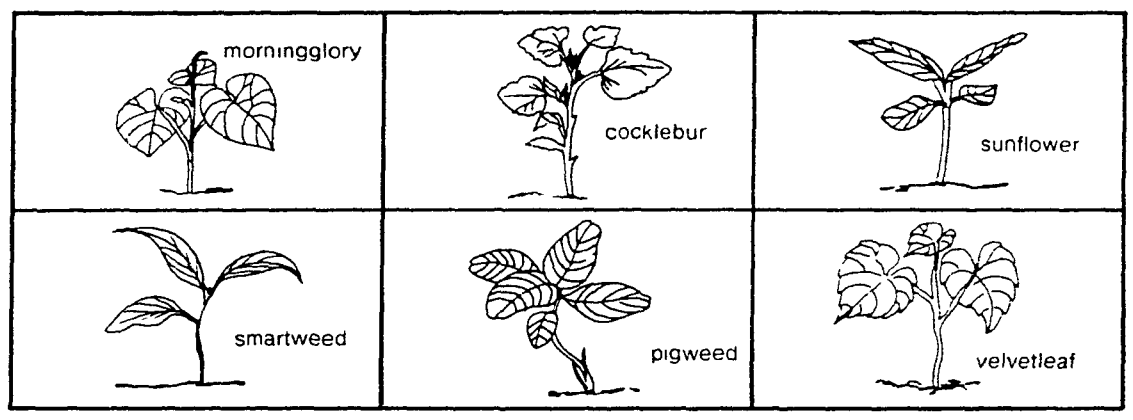

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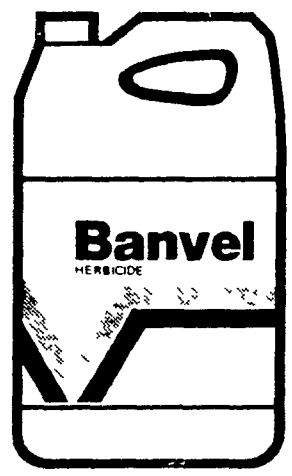

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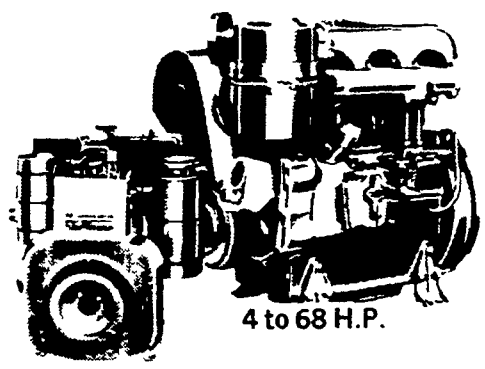

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Carriages roll out for Gruber Wagon Works Centennial

BY SHEILA MILLER

READING — Shined and oiled harness, horses, mules, and oxen with coats brushed and glistening in the sun, wagons and carriages polished and painted — these sights may conjure up visions of how life used to be at the turn of the century. But, rather than the year being 1900, these modes of transportation were on parade last Sunday during the Centennial Celebration of the Gruber Wagon Works

More than 7,000 visitors turned out for the festivities at the Berks County Heritage Center, located near the Reading Airport Some traveled to Pennsylvania from as far away as Texas to take part in the dedication of the 100-year-old wagon works — a national historic landmark. (The complete story of the "Wagon Works that Gruber built" appeared in the May 8 issue of **Lancaster Farming**.)

Part of the day's events was a carriage judging contest in which 40 vehicles, including Gruber wagons and other fine pieces, were scrutenized by carriage expert John Greenall from Fogelsville and John Gruber, grandson of the wagon works founder.

Selected as the Best of Show was the first place carriage in the Formal division. This George IV phaeton is owned by George A Taylor of R1 Forty Fort, Luzerne County.

The elegant phaeton was created in 1870 by one of the world's most famous carriage makers — Brewster & Co. of New York City Since only the elite could afford to own such a vehicle at that time in history, it was only fitting that the vehicle was eventually owned by multi-millionaire John Cougan who was the owner of the national league baseball team the New York Giants (which became the San Francisco Giants in 1958).

As only one of many priceless pieces in an enormous collection, the phaeton became part of Cougan's opulant estate after his death The vehicle was sold to Harold Fisher, another carriage collector in Slatington, Lehigh County who restored the phaeton to its original condition George Taylor added this prize-winning

(Turn to Page D15)

George Taylor, right, of Forty Fort, Luzerne County accepts the Best of Show plate and blue ribbon from carriage show judge John Greenall during the Gruber Wagon Works Centennial Celebration last Sunday. The George IV phaeton won its Formal Division before topping a field of 40 carriages, wagons and sleighs at the Berks County Heritage Center, Reading.

First place winner in the sleigh division were Ron and Cindy Kunkel of Centreport, Berks County. Taking it easy in the Albany cutter are children Gretchen, left, Christopher, and Rebecca.

Carl Snyder of New Tripoli gives Belgians Tim, left, and Pete a break from their pulling chores. Snyder took first place in the two-horse box wagon division.

More than 7,000 visitors toured the historic Gruber Wagon Works and watched the parade of carriages, plowing demonstrations, and listened to music provided by the Berks Youth Band.

Lee Fottler, 18, of Ware, N.H. teams up with his twin Holstein steers to steal the limelight of the celebration. The only pair of oxen in the parade, Bud on the left and Bruno represent two-tons of docile power, and prove the saying "Dumb as an ox" doesn't apply to them.

Oxen team steals spotlight

READING — Lee Fottler of Weare (pronounced 'where'), New Hampshire is a 4-H'er with a different type of project — two-tons worth of oxen. Last Sunday, the 18-year-old and his twin Holstein steers were the center of attention during the Centennial Celebration of the Gruber Wagon Works.

Now 3½ years old, Bud and Bruno entered into Fottler's training program when they were only 3-day-old calves. As they grew older and heavier, young Fottler worked with the 'nearly' identical twins and had them trained to drive in about 8 months

Teaching oxen to pull a wagon requires patience and repetition, explains Fottler, pointing out that it's altogether different than training horses to drive

With just a whip, which Fottler says serves only to "grab their attention," the 4-H'er barks voice commands to the lumbering oxen. No bits or harness link driver to the beasts of burden. Signals for left and right turns (gee and haw), backing, and stopping are given to the oxen from 'ear to brain' rather than from 'mouth to brain' as is the case with horses.

(Turn to Page D14)

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Oxen team

(Continued from Page D 12)

"Oxen aren't stupid like most people think," expresses the oxen owner whose voice rings with its distinctive New England accent. "There aren't too many horses around that will listen to a voice command and do exactly what you want them to."

While Fottler is airing his sentiments about their qualities, Bud and Bruno stand quietly at his side. When the temptation of lush grass below them becomes too strong and they succomb to the urge to graze, their noses feel the corrective sting of the whip, getting their attention in a snap. At the same time their ears register a sharp "Head up" command from their master.

When asked if he had any problems training the oxen, or any close-calls when driving the two-tons of Holstein, Fottler admits to none Back home in New Hampshire, Fottler says, the team is used mostly for pulling contests at fairs with farm fieldwork only an occassional task. Like other 4-H'ers his age, Fottler says he prefers doing fieldwork with tractors

The brass horn ornaments the steers wear, explains Fottler, are for decoration and to make the ends of their horns blunt — both for the driver's safety and their own since only two feet of yoke separates them when hitched.

With justifiable pride, Fottler announces that the yoke his oxen wore on Sunday was one of his own creation and tells how he patterned the yoke from one made by another craftsman in the state.

Using laminated white oak and hickory wood, he bent and curved the "bows" which collar the oxen's necks Elm wood was used for the heavy yoke This particular one, notes Fottler, is a 10-inch yoke (the distance measured inside the bow), but the size can vary from 5-inches to 12-inches depending on the size of the oxen.

The bond between driver and oxen is readily apparent as Fottler speaks about and to his team, boasting their accomplishments to an interested crowd of people. But, with a voice that is involuntarily tinged with regret, the 4-H'er confesses that his partnership with the oxen is soon to end. This fall Fottler will be pursuing an animal science degree at the University of New Hampshire, and there's no place for two-tons of oxen in a dormitory room

But, the sale of Bud and Bruno will not end this young man's enthusiasm for oxen driving His 4-H experience will qualify him to serve as a judge for oxen shows in the future.

"And someday," Fottler says, with an affectionate glance at his Holstein heavyweights, "I hope to have my own farm and another team of oxen."

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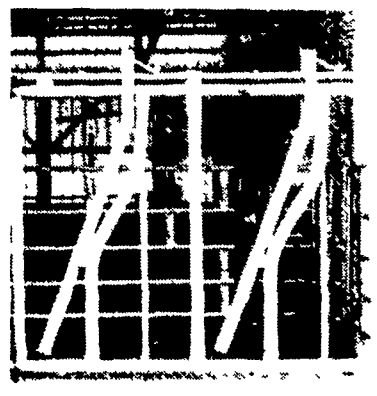

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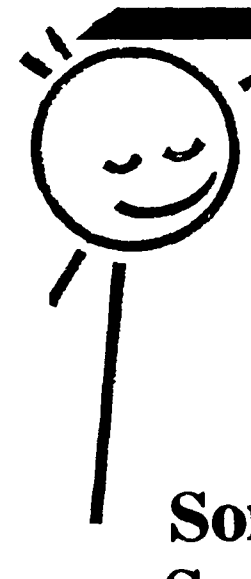

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Centennial Celebration

(Continued from Page D12)

carriage to his 180-vehicle collection several years ago.

According to Taylor, who has one of the largest carriage collections in the East, the George IV is one of his better pieces The retired collector, however, doesn't hide the horse-drawn masterpiece under dust covers when it's back home, driving it whenever he gets a respite from his busy schedule as a consultant

Other winners in the various categories of the judging contest include

— Commercial - 1900 Butcher wagon built in Hamburg, Berks County, owner Boyertown Museum of Historic Vehicles,

— American Horse Drawn - W E Gruber auto-top surrey, owner John K. Knappenberger, R1 Wernersville;

— Sleigh - Albany cutter; owners Ron and Cindy Kunkel, R1 Mohrsville,

— Racing Vehicles - Skeleton racing sleigh; owner Arroyo Seco Historical Park, Richmond, Texas;

— Sporting - 1902 Bronson wagon; owner Walter C Klingensmith, New Hope;

— American Pony - Stick-seat runabout; owner Joseph Russell, Mt. Joy;

— Hitch Wagon - owner Donald Ruhl, Windward Farms, Manheim;

— Hay Flat - Luther Eichelberger, Boyertown;

— Single-Horse Box Wagon - Arthur Etchberger, R2 Bernville;

— Two-Horse Box Wagon - Carl Snyder, New Tripoli,

— Best of Show Gruber Wagon - Mr and Mrs. E. R. Hottenstein, Wyomissing.

Plowing, hitching and driving demonstrations also highlighted the afternoon affair Visitors toured the historic wagon works and later strolled the grass field where the Berks County Youth Band was performing and local craftsmen were demonstrating carriage restoring, blacksmithing, and wooden barrel-making

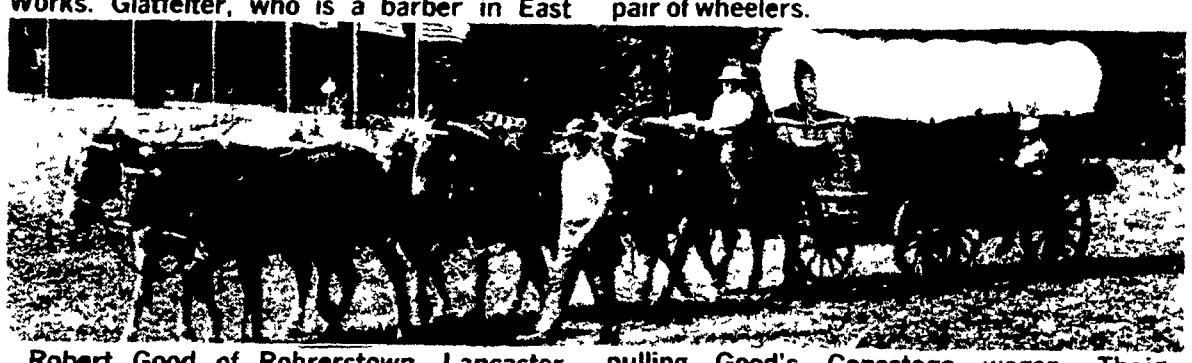
Lancaster Countian Richard Glatfelter, East Petersburg, led a six-mile drive along the Union Canal tow path. Thirty teams of horses and ponies driven by members of the Red Rose Horse and Pony Club took part in the scenic drive

Each participant who brought a vehicle for the day's historic celebration received a carriage plate, compliments of the Berks County Parks and Recreation Department

Describing the successful day, carriage judge John Greenall said the Centennial Celebration is "a credit to Berks County Look at all the people who turned out for this — it's terrific."

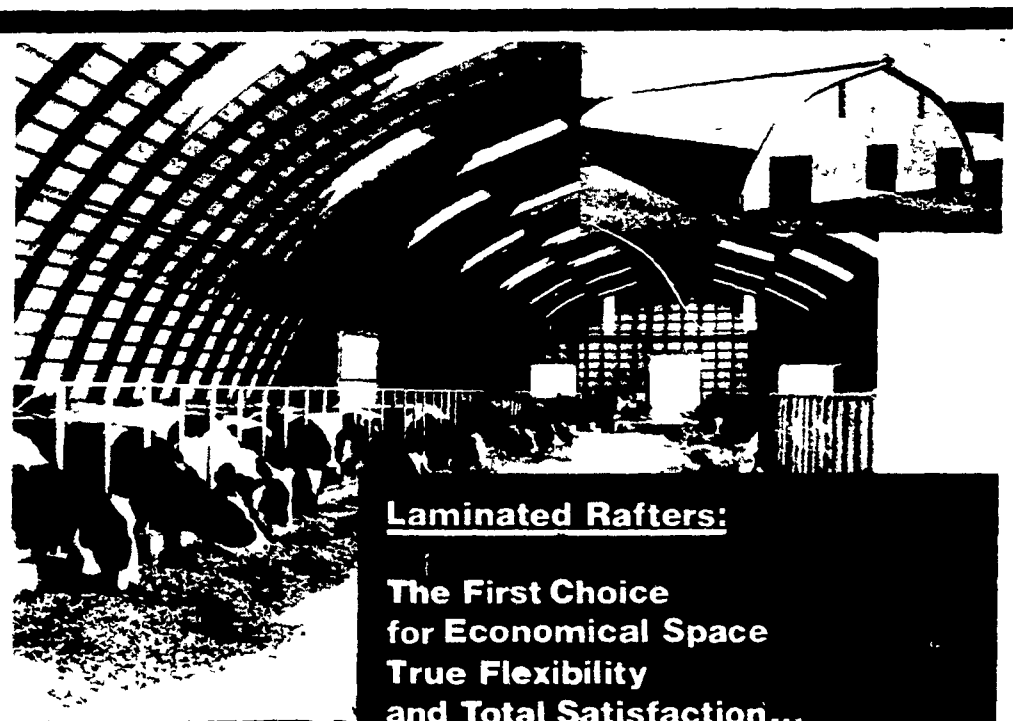
Coordinator of the event Robin Oberholtzer commented that because of the "fantastic attendance and interest" shown by people from Pennsylvania, New York, New Jersey, New Hampshire, Maryland, and Texas, having carriages, horses, and oxen at the Gruber Wagon Works may become an annual event

Lancaster County's Richard Glatfelter leads the six-mile Red Rose Horse and Pony Club drive, part of the 100th birthday celebration of the national landmark — the Gruber Wagon Works. Glatfelter, who is a barber in East Petersburg, is driving a pony-size hitch wagon which was made in 1932. The three Welsh ponies are in a unicorn hitch which allows the lead pony to travel "freely" out in front of the pair of wheelers.



Robert Good of Rohrerstown, Lancaster County, sits astride his saddle mule, Rose, as he drives his six mules. The all-female hitch is pulling Good's Conestoga wagon. Their harness is decorated with bells that bear the wagon's namesake, Conestoga wagon bells.

Edgar Messerschmidt of R2 Myerstown didn't leave the foals behind when he brought his draft mares to the Centennial Celebration.



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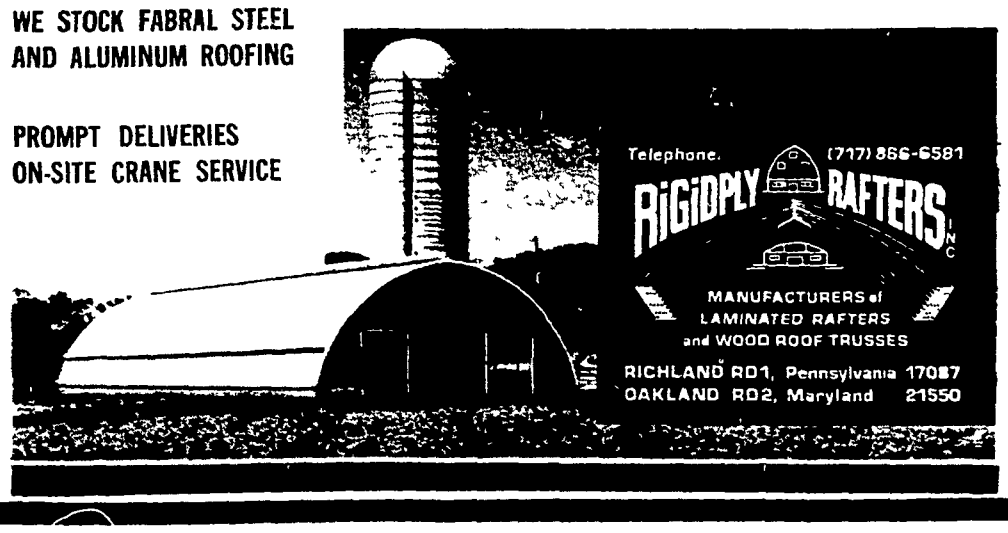
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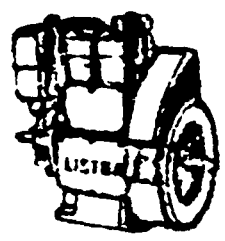

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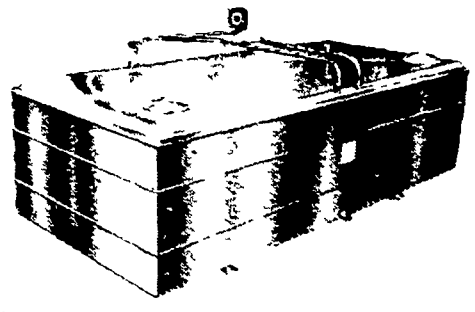

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Emergency import quotas on sugar

WASHINGTON, D.C. — Secretary of Agriculture John Block has announced President Reagan soon will proclaim an emergency import quota program to stem the flow of overseas sugar threatening to damage domestic producers of sugar.

"This is necessary," he said, "to avoid a massive flow of sugar imports into the United States, which would disrupt the commercial market for domestically produced sugar and would cause large quantities of domestic sugar to move into government ownership. The president's action is precipitated by a continued sharp drop in the world sugar price, now below 9 cents a pound."

Block said the world price had fallen 30 percent in four months in the face of a prospective large world crop and the European Community's export subsidy, which assures exports of European sugar regardless of the world price.

"The United States has become a magnet for sugar produced in other countries, even to the diversion of shipments already at sea If allowed to continue, this situation could only lead to foreign sugar displacing most domestic sugar in the U.S. market while domestic production flows into the Commodity Credit Corporation to the detriment of U.S producers and at the expense of the American taxpayer."

The government had taken a number of steps to maintain the domestic price of sugar since the enactment of the price support program by Congress in December.

On Dec. 23, the president proclaimed an import control system, including import fees, under authority of Section 22 of the Agricultural Adjustment Act of 1933 as amended, and increased duties under the Trade Expansion Act of 1962.

On April 1, import fees were adjusted upward, based on a 20-day world average price of 11.69 cents for late February and early March. On April 23, import fees were increased by an additional 1 cent. The ability to use import fees under Section 22 was limited, however, by a statutory restriction on the level of fee that can be applied

The size of the total quota will be determined and announced quarterly by the secretary of agriculture. The present import duty of 2.8 cents a pound, raw basis, will be continued. The Section 22 import fees will be continued with certain adjustments necessary to reflect changed conditions.

"The objective," Block said, "is to protect the interest of domestic producers by creating a market situation that will enable U.S. beet and cane producers to sell in the market rather than forfeiting their production to the Commodity Credit Corporation The interests of foreign suppliers are also protected since the system provides such suppliers reasonable access to a stable, higher priced U.S. market."

The United States normally imports nearly half of its sugar requirements. The remainder is produced by U S. beet and cane growers

Details of the quota program will be announced soon, Block said.

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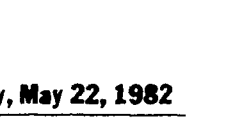

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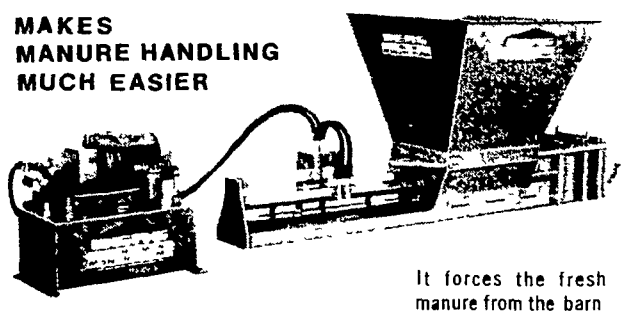

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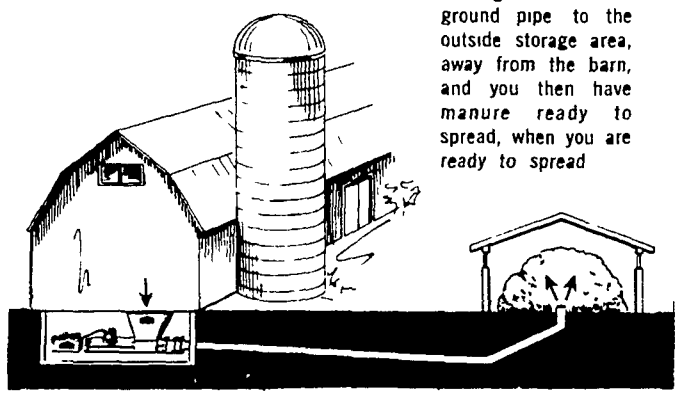

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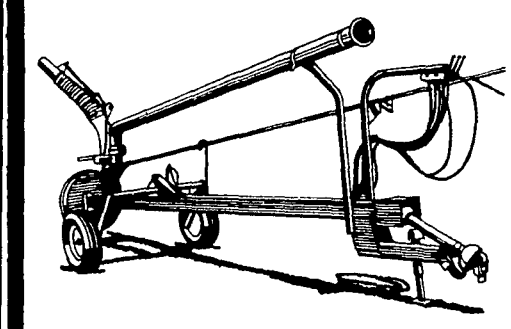

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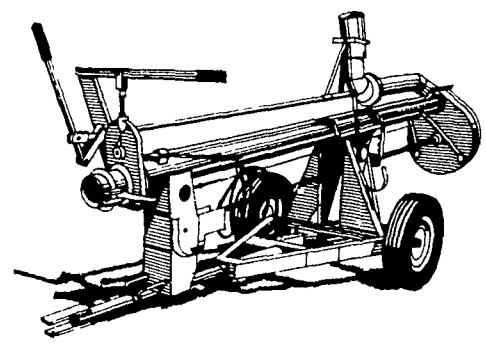

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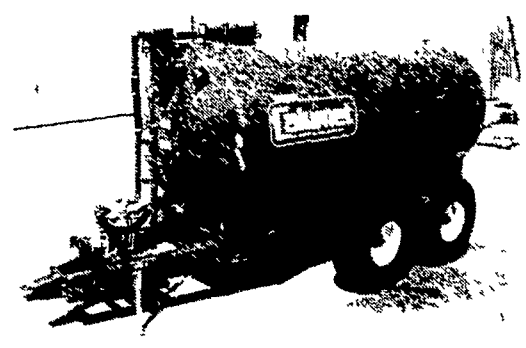

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

De-worm Heifers

One important late spring job is to deworm calves and heifers sometime in May. Material used in the feed does a good job for most of the animals.

If you will select the smaller and rougher animals in each group for some personal attention, you will probably have done an adequate job. Those smaller heifers should get a bolus to be sure the job was done.

Credit

It's probably a bit late to talk about lining up credit for spring needs. However it is never to late to talk about using credit. Don't use all available credit just because it is there. For many farmers 1982 may be the most critical year they will ever see in their career as a farmer Those who are too highly leveraged (have too much borrowed money), will probably go under

I will repeat some suggestions that I had in an earlier column

Don't spend more than you can ever hope to make.

Act as if there is no tomorrow when it comes to paying off operating loans.

Make a habit of asking yourself "Do I really need this".

Don't use borrowed money for family living or to pay debt payments.

Don't run up dealer debts - those bills you can't pay for one reason or the other.

Don't eat up your equity by getting yourself in the position where you have to borrow money to pay operating bills.

Safety

Get chains, cogs, PTO shafts and other moving parts covered The farm operation will come to a grinding halt if someone gets hurt Be safety conscious at all times Especially train little children to stay away from operating and non-operating machinery A operator sitting up high on a tractor or power unit may be unable to see small children move in towards a big tire. With all the other things the operator has to watch, a small child may be vulnerable

Replace worn belts before they snap Don't work on a machine while it is operating. If you feel you must jam a bunch of forage into something use a stick not a foot or hand. The stick may break the machine but it is replacable.

Wear loose but not flapping clothing. Perhaps farmers who like to challenge PTO shafts should wear tear away clothing

Watch where you drive Ditches, chuck holes, or a tree stump on the side of the hill are just three of the things that can tip you tractor over. Make sure all tractor operators know how to stop the PTO, the hydraulic lifts, and the tractor itself

If there are features on your tractor that make them a potential hazard, make sure all operators know about them For example on my tractor, a small stone thrown up in the field can jam the clutch which makes it impossible to disengage it That could have rather nasty consequences if the operator doesn't know about the possibility We nearly had an accident learning about it

Feeder pig checkoff to increase July 1

DES MOINES, Iowa — The National Pork Producers Council feeder pig checkoff rate will increase from 5 cents to 10 cents per feeder pig, effective July 1, 1982 Delegates at the 1981 NPPC Annual Meeting proposed and approved the checkoff increase

Feeder pig checkoff funds are divided between NPPC and state pork producer councils Sixty percent of the funds are returned to states and 40 percent retained at the national level

Past feeder pig checkoff funds have been invested in feeder pig research at agricultural colleges and universities by both the national and state organizations The checkoff recently helped fund research conducted at the University of Nebraska by Michael Brumme The research was on the effects of housing, receiving rations and source of pigs on health and performance of feeder pigs

Additional funds are used to sponsor annual feeder pig seminars at the American Pork Congress, NPPC-sponsored production symposiums, and industry promotion and producer relations programs

The top five states in the 1981 feeder pig checkoff were Missouri, Iowa, Minnesota, Wisconsin and Illinois

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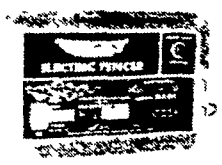

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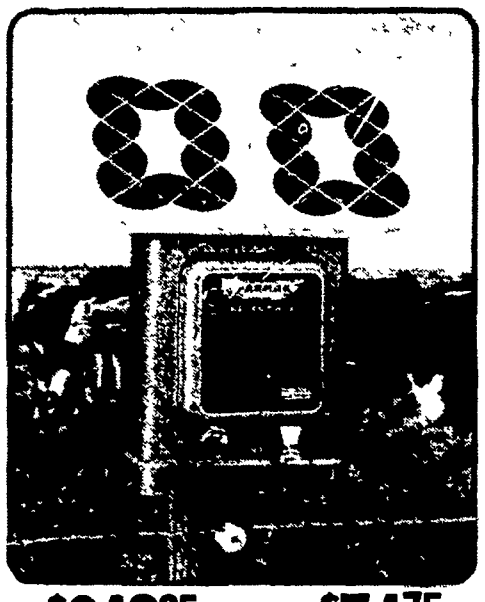

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COLLEGE PARK — More Maryland farmland is being protected from erosion this year compared to last even though the number of farmers who are applying conseervation measures is down somewhat

According to Gerald R Calhoun, state conservationist for the U S Soil Conservation Service, the tight economy is forcing farmers to defer more expensive structural measures such as diversions, drop structures, and waterways in favor of less costly vegetative practices

"We've actually had a 42 percent increase during the first half of 1982 in the amount of land protected compared to last year," says Calhoun "By protected we mean that the erosion rate has been reduced to tolerable or soil replacement levels Our field offices have also reported a 73 percent increase in the amount of lant treated, that is where the erosion rate has been brought down to even less than tolerable rates"

Calhoun also said interest in conserving soil and water is even higher than last year, with the number of people requesting SCS assistance up 15 percent this year Unfortunately, many farmers are shelving their plans hoping for a turn around in the economy

"Farmers with erosion problems should not wait to correct them We're encouraging landowners to use vegetative practices which don't cost much such as conservation tillage, contouring, stripcropping, and grass filter strips We're also emphasizing more 'do-it-yourself'-type practices such as diversions and waterways which farmers can plow in with their own equipment," Calhoun said

Also, farmers should be aware that there are more options available for financial help on conservation practices For example, the Rural Clean Water Program in Carroll County and the Clean Lakes Program in Baltimore County provide special cost sharing rates ASCS also has special cost sharing incentives in special project areas around the state in addition to their normal ACP program.

"You can't afford to squander your soil no matter what the economic circumstances," Calhoun says "We're looking for more creative ways to help farmers save soil as well as money"

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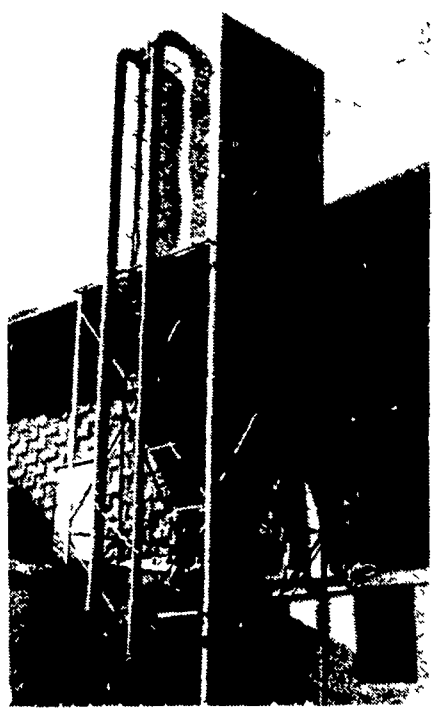

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USDA accepts meat from Costa Rica

WASHINGTON, D.C. — The U.S Department of Agriculture will again accept meat imports from the four Costa Rican slaughter plants it had removed from its list of approved exporters to the United States March 26, Food Safety and Inspection Service Administrator, Donald L. Houston has announced.

"A USDA team of technical experts returned from Costa Rica satisfied that changes proposed by the Costa Rican government are adequate to correct problems in that country's meat inspection system," Houston said. "We have received word from Costa Rican officials that the stringent new controls have been fully implemented in these plants"

USDA removed Costa Rica's four slaughter plants from a list of approved exporters because the United States had been receiving improperly identified product and product accompanied by fraudulent inspection certificates, he said.

"The United States must rely on the integrity and diligence of foreign inspection systems to comply with U.S. requirements for safe, wholesome product," Houston said. Imported meat must also pass USDA inspection before entering the United States

"Actions taken by the Costa Rican government in recent weeks clearly demonstrate it is willing and able to meet U.S inspection standards on a continuing basis"

Houston said Costa Rican inspection officials implemented a new system for issuing and controlling inspection certificates The control of product intended for export also has been strengthened, with requirements for sealing and securing product in storage facilities and for sealing vehicles and containers carrying product to export points

'As an additional precaution—and to verify the effectiveness of the newly implemented Costa Rican controls—USDA import inspectors have been instructed to carry out tightened procedures on product entering the United States from that country," Houston said 'These procedures will remain in effect until the exporting firms in Costa Rica develop a good history of compliance"

In 1981, the United States imported about 67 million pounds of meat from Costa Rica—less than a quarter of 1 percent of our meat supply, Houston said

The Federal Meat Inspection Act requires that foreign countries exporting meat to the United States impose inspection requirements that are at least equal to those imposed on U S plants

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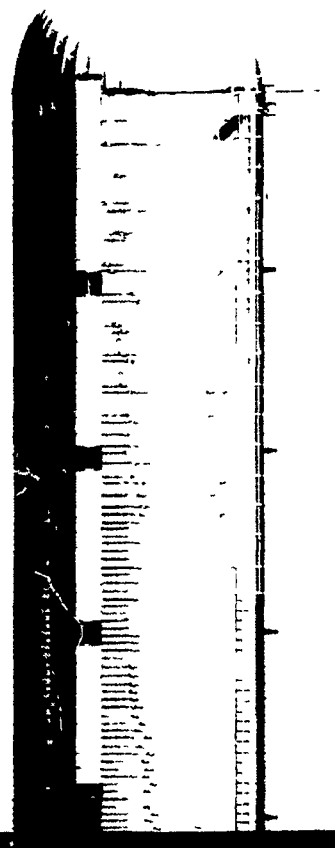
When you're ready to add upright storage on your farm, we invite you to compare. Look at all of the structures available. All we ask is that you include us in your comparisons. We'll take it from there.



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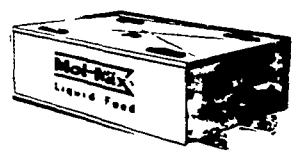

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Corn Growers meet in Des Moines

Washington, D C — The Board of Directors of the National Corn Growers Association will hold a regularly scheduled meeting on June 15-16, 1982, at the Savery Hotel in Des Moines, Iowa

"In addition to traditional business sessions, the NCGA Board of Directors will address several issues of critical importance to U S corn farmers. Domestic production programs and the resumption of normal corn trade with various Eastern European countries are necessary if corn producers are to survive this serious economic crisis in U.S. agriculture," stated William R. Mullins, NCGA president.

The Shabbona, Illinois, farmer indicated particular attention will be devoted to the current outlook for 1982 corn production and the prospects for improved export and domestic disappearance the remainder of the 1981/82 marketing season.

"Moreover," Mullins commented, "the Board of Directors will review the current policy positions of the organization as they relate to present and future efforts to enact farm legislation. The outlook for a 1982/83 corn program will be a primary issue that will provide an opportunity for a review to a period of 'profitability' in corn farming."

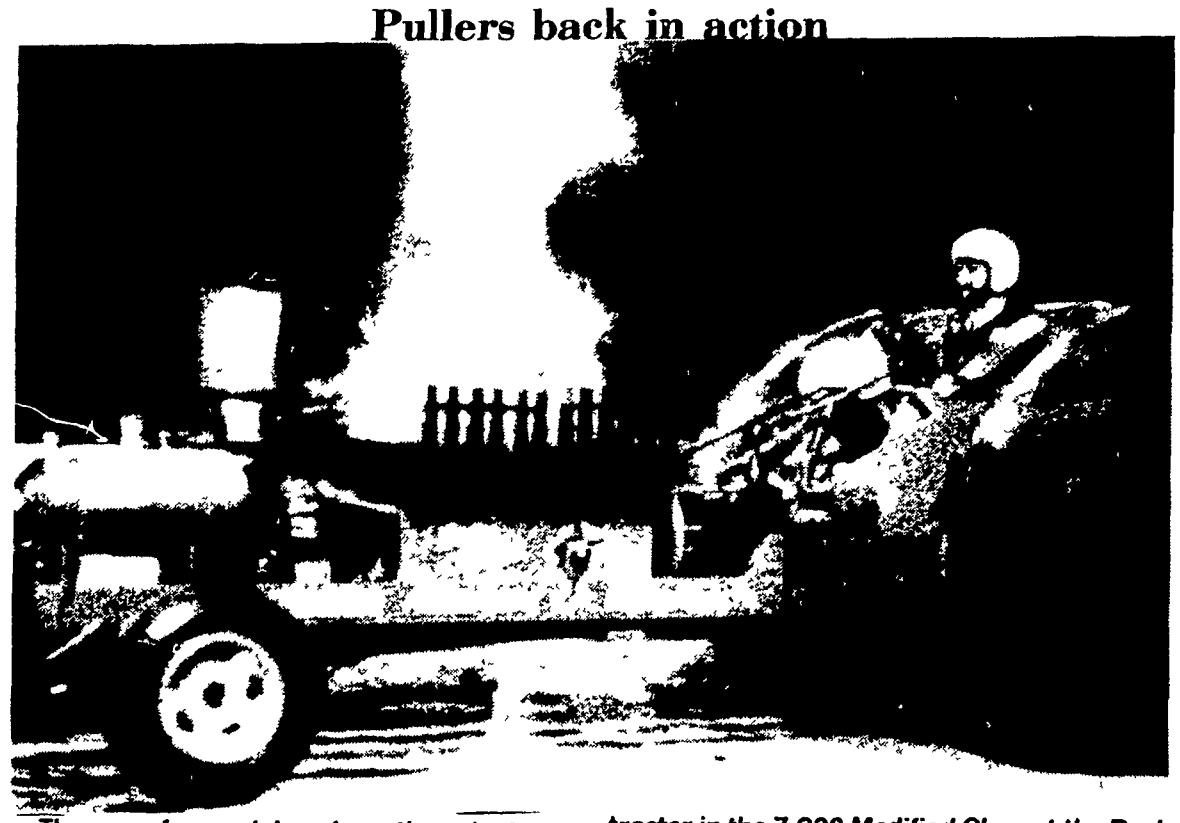
In addition to the emphasis on domestic issues, the NCGA Board will review significant international issues that affect the profitability of corn farming

"The serious dilemma facing U S agriculture, and specifically the corn industry, regarding the efforts of the European Economic Community to restrict imports of corn gluten feed will be another topic of discussion," Mullins, said

"Moreover," he continued, "we are pleased that Philip Johnston, executive director of CARE and Patrick Sullivan, legislative director for the International Longshoremen's Association, will attend the meeting to discuss issues related to the export shipments of U.S. corn to Eastern Europe. It is imperative that ways be sought to improve the export outlook for corn, and toward this end, maximum cooperation will be necessary between groups directly and indirectly associated with U.S. agriculture in order to achieve this goal."

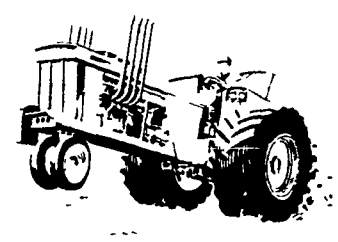
The National Corn Growers Association is made up of corn producers from 16 affiliated states, with the purpose of promoting the general welfare of U.S. corn farmers by maintaining and developing domestic corn production and price and income support programs consistent with a market-oriented grain economy.

Pullers back in action



The roar of powerful engines, the spinning of huge tires and the excitement of competitive action have returned to southern Lancaster County. At the wheel of the "Boss Moss" tractor in the 7,000 Modified Class at the Buck Tractor Pull last Saturday night is Harold Martin, of Lititz. The tractor is owned by Chemgro Fertilizer Co., of East Petersburg.

Tractor Pull Tally



7000 Super Stock

1. Bert Stauffer, Ephrata, PA, Deutz 8006, 227.0; 2. Coleman Wheatley, Bethel, Del., JD 4240, 207.7; 3. Tom Middleton, Ridgely, Md., IH 966, 120.1.

5000 Modified

1. Gary Mills, Fallston, Md., Turbine, 256.0; 2. William Almoney, Wrightsville, Pa. 429 Ford, 254.2; 3. Scott Graver, Pequea, Pa. 2-468 Chevy, 253.10.

5800 FWD

1. Dan Fellenbaum, Lititz, Pa , 1969 Chevy, 267.6; 2. Howard Lewis, New Carrollton, Md., 1973 Chevy, 256.5; 3. Willie Omps, Winchester, Va., 1982 Ford, 251.5.

9000 Super Stock

1. Coleman Wheatley, Bethel, De., JD 4240, F.P.-277.10; 2. Tom Middleton, Ridgely, Md., IH 966, F.P.-258.5; 3. Bert Stauffer, Ephrata, Pa., Deutz 8006, 299.2.

7000 Modified

1. Ed Breusinger, Lebanon, Pa., 2-468 Chevy, 298.4; 2. Stanley, Graver, Pequea, Pa., 2-468 Chevy, 275.0; 3. Willard Will, Central City, Pa., Allison, 274.8.

6200 FWD

1. Howard Lewis, New Carrollton, Md., 1973 Chevy, 291.6; 2. Mark Hardisty, Easton, Md., 1975 GMC, 279.9; 3 Willie Omps, Winchester, Va., 1982 Ford, 274.7.

9000 Open

1 Ed Breusinger, Lebanon, Pa , 2-468 Chevy, F.P.-272.3; 2. Willard Will, Central City, Pa., Allison, F.P.-247.6; 3. Tom Middleton, Ridgely, Md., IH 966, 299.11.

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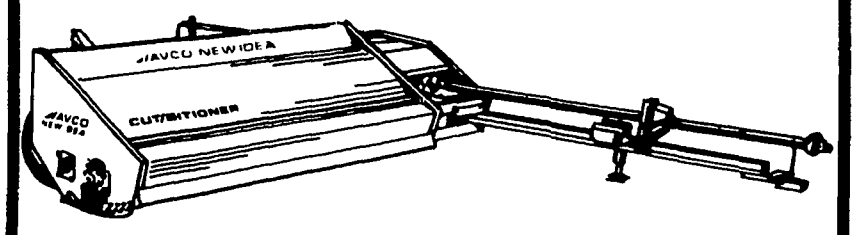

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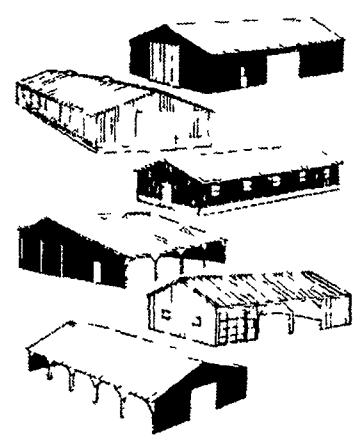

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Governor signs Scenic Rivers legislation

HARRISBURG — Scenic rivers legislation favorable to Pennsylvania farmers has been signed by the governor, according to Rep. Noah Wenger, a sponsor of the measure

"Act 110 of 1982 will include pastoral rivers within the categories of waterways that make up the Scenic Rivers System," said Wenger. "The addition of these rivers will protect their beauty and their usefulness to farmers "

Pastoral rivers are waterways which flow through agricultural areas and are often used to support farms or other agricultural activities

Another provision of Act 110 removes the eminent domain power given to the Department of Environmental Resources under the Scenic Rivers Act

"DER never used this power to make 'scenic easements' and the department displayed no intention of using it," noted Wenger "This new law would insure that eminent domain won't be used

"By signing this measure, Governor Thornburgh has illustrated his interest in not only the aesthetic value of Pennsylvania rivers, but their functional role as well "

NITTANY ANTIQUE MACHINERY ASSOCIATION, INC.

PUBLIC SALE

Consignment Sale at Penns Cave Grounds, Rt. 192, East of Centre Hall, PA

JUNE 5, 1982

10:00 a.m.

ENGINES

3 hp. Fairbanks-Morse, 2½ hp. Hercules (good cond.); 5 hp. Witte (incomplete); Gas starting engine for diesel; other hit and miss engines; Engines for parts.

TRACTORS

Silver King Tractor (good cond.); 1921 Fordson (overhauled & restored); 1932 Oliver Hart-Parr 18-27; Several other tractors expected.

ANTIQUE EQUIPMENT

Grain separator; Grain cleaner; Stalk shredder; Fanning mill; Pedal operated jig saw; square-tub Maytag washer.

MISC. EQUIPMENT & TOOLS

Gravely walk behind tractor with rotary & reel mowers; Cub Cadet garden tractor with plow and cultivators; 5 kw, 115 volt power unit with 5 hp. Kohler engine; 3½ hp. lawn vacuum; assorted pipe fittings, 1"-4"; hand tools; Nuts & Bolts; Several truck loads of misc. items 50" saw blade.

This is an early listing - many more items expected by sale time.

Ron Gilligan & Bud Wasson
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GAS-UP & FLEA MARKET

JUNE 5 & 6

Exhibitors welcome, Model table in operation. Large and varied flea market. Good food and camping on the grounds. Entertainment. Everyone invited. Free Admission

Sale Information
Flea Market Information - 364-9360
General Invormation - 364-9140

PUBLIC BANKRUPTCY AUCTION

VALUABLE REAL ESTATE AND FARM EQUIPMENT

FRIDAY, JUNE 11, 1982

10:00 A.M.

Located in Drumore Twp. Lanc. Co., Pa. from Lancaster use Rt. 272 one mile South of The Buck turn right on Silver Spring Road take a left on Susquahannock Drive to Furniss Road continue app. ½ mile, farm is on right.

Real Estate to be offered at 10 a.m. consists of gentleman's type farm consisting of 20 acres M/L thereon erected a 2½ story 5 bedroom dwelling with bath, living room, dining room, kitchen, sunporch, laundry, oil fired hot water heat system, also 3 car garage, bank barn, hog house, steer feeding barn, 6 corn storage cribs. This farm is right in the heart of the goose hunting area for the sportsmen. You will be able to experience real quiet country living, come take a look. May 29th 1:00 P.M. to 4:00 P.M. Real estate to be offered at 10:00 A.M. the following list of farm machinery will be offered immediately after the farm & J.D. 1520 gasoline powered tractor with #37 loader, J.D. 703 Diesel with 2 row mounted New Idea Cornpicker, J.D. 14T Baler, J.D. 480 Haybine, J.D. 28 Disc Harrow, I.H.C. 56 4 row Corn Planter with Fertilizer and Insecticide Boxes, New Holland 352 Grinder Mixer, Badger 1000 gal. Vac. Spreader, New Idea Hayrake, Brillion transport Spring Harrow. 2 rubber tire wagons, 24 raised deck farrowing pens, "New" 60' tube ventilation system, 10 L.P gas brooders, 9' cultipacker, 400 bales straw, 600 bales hay.

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At 5 00 PM Hellam PA York Co
Sale Location Take Hellam Exit of Rt. 30 By Pass to Rt. 462 Proceed east on Rt 462 two blocks to Claire Ave Signs posted on day of sale
The undersigned will sell on the premises at 154 Claire Ave in Hellam Pa (York County) the following
McCormick Deering 1 5 h p engine Arco 2 h p engine Reo Motor Co Model 552 engine Briggs & Stratton Model F H engine Standard 5 h p Twin two-wheel tractor with steering sulky Standard 3½ h p Twin two-wheel tractor implements for Standard tractors including wheel weights steel wheels sickle bar plow disc cultivators potato plow (2) David Bradley two-wheel tractors (2) Jacobsen rotary mowers (2) two wheel cultivators Hahn mower Wards 3 h p power sprayer w 10 gal tank ½ h p compressor lawn sweeper B & S 4 cyc engine pipe vise & threader hand crank drill press grinder bar clamps circular saw Electronic tubes tube caddy signal generator multi tester tube tester early floor model radio and TV's elect motors grindstone fuse boxes railroad light water pump Coleman lantern paint sprayer misc hand and garden tools and more
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Bred Heifer and Machinery Dispersal

TUESDAY, JUNE 1

11:00 A.M.

Sale to be held on Loucks Mill Road, 2 miles South of Ulysses, Pa. (Potter County), follow Ulysses-Loucks Mills sign from U.S. Rt. 6, 5 miles West of Galeton, or Auction arrows at Rt. 49, (Main St.), Ulysses, Pa.

60 CATTLE (Sold first 11:00 A.M.)

Consisting of 42 Holstein springing heifers bred for June and July. One or two could be fresh by sale day, bal. after June 1 All are dehorned, bred to Jersey bull and from artificial sires. These heifers will weigh to 1200 lbs., fed right and are the kind you like to buy. You'll agree these are top heifers. 1 Fresh Jersey heifer, 9 yearling Holstein bulls; 7 Registered with dam records to 32,000 m. and 1150, 6 Feb. and March started grade Holstein heifer calves, 1 Holstein cross started bull.

CATTLE BLOOD AND T.B. TESTED; INTERSTATE CHARTS DAY OF SALE

Immediately following Cattle Sale at same site will be MR. & MRS. LARRY BRENDLINGER, GOLD, PA, MACHINERY DISPERSAL Consisting of JD 4000 diesel tractor, ex. rubber and cond.; Century weed sprayer, 500 gal fiberglass tank, hyd. pump, 40 ft. elec control booms; Welch trailer weed sprayer, 200 gal fiberglass tank; JD 35 chopper with 2 row corn and pickup head; Gehl FB-85 hi-throw blower with 8 ft. table, filled one silo, JD 65 blower, filled 3 silos; Fahr 4 arm reversible tedder; NH 56 rake; NH 365 L.H. barrel spreader; JD #39 mower; Glenco 16 ft. foldup transport chisel harrow; 4 rolls new barbed wire; 2 Skelton elevators.

CONSIGNED ITEMS

Kicker wagon on Gehl gear; Int. 3 bottom hyd. trailer plows; Int. manual 2 bottom trailer plows; Oliver 2 row mech. lift corn planter w/fert. att.; NH 48' Elevator w/motor; Int. 530 pto spreader; J.D. 3 bottom rollover plows; Mueller 400 gal. bulk tank (Good); Surge vacuum pump; 1978 Jeep 4 wheel drive pickup, V-8, auto.; 1974 Int. Paystar 10 wheeler, 15 sp., 902 Cummins w/new twin hoist and grain racks; dumping station w/100' hose; JD 14T Baler, etc.

Consignments Welcome! Open Friday, May 28, 1982 to 5 p.m. Monday, May 31, 1982
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For information contact: Al Tomb, Ulysses, Pa. 814-848-9916
Robert M. Shaylor, Troy, Pa. 717-297-3278
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Sale conducted by: Jerry Pirrung, Ulysses, Pa., 814-848-7421
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FRIDAY, JUNE 25

1:00 P.M

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Greenback 3044, one of our foundation Irish Yorkshire Sows.

250 head of SCOTCH & IRISH and other foreign bloodlines

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Born and raised on our farms from our parent imported stock

100 ☆ BRED GILTS - most of which carry Scotch or Foreign Blood Litters
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BROOKS END FARM WINS PA. TEST STATION WITH YORKSHIRE BOARS SIRED BY OUR IRISH LARGE WHITE "DANNY"

Feed Conversion	2.32
Daily Gain	2.17
Ham-loin %	64.2
Pen Index	143

PAR-KAY FARMS HAD THE 2nd PLACE PEN OF YORKSHIRE BOARS SIRED BY "WINSTON"

Feed Conversion	2.54
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Ham-loin %	63.9

This all means more pounds of pork for less pounds of feed. We profit on the sales end and we profit on the cost end.

2 MORE BIG WINNERS IN 1981

Par-Kay Farms had the champion barrow on the rail and Brooks End Farm had the Reserve Champion barrow on the rail at the August Penna. State Yorkshire Show

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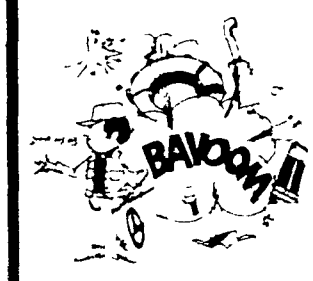
June is Pa. River Month

HARRISBURG — June is Pennsylvania Rivers Month Attention will focus on one of the state's greatest assets—its abundant, clean, sparkling waterways

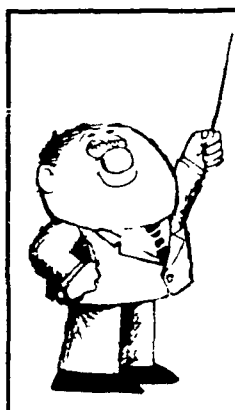
Along with being beautiful to the eye, Pennsylvania's rivers have provided transportation, drinking water supplies and sources of energy, as well as opportunities for recreational, industrial, commercial and residential development

This year, the Pennsylvania Scenic Rivers Program coordinated statewide river interests into a month long celebration This month long celebration, in concert with other states, will form the basis for "American Rivers Month - A National Celebration "

TRACTOR SAFETY HINT



Don't be foolish
Put out the smokes while fueling up. It's too dangerous a way to break the habit



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Egg futures includes nest run eggs

DECATUR, Ga. — The Chicago Mercantile Exchange has notified the United Egg Producers that the new egg futures contract includes nest run eggs deliverable at par and will start floor trading on May 19. Deliveries will begin in September.

This contract was approved by the Commodity Futures Trading Commission on April 21, and sanctioned by the CME Board of Governors on May 5.

"This follows nearly 2½ years of effort by UEP, CME, USDA and many devoted egg industry representatives in revitalizing the egg futures contract," announced Al Pope, UEP president.

A spokesman for the CME indicated that the new egg futures contract offers par quality for nest run eggs at 88 percent AA and A for loads (150 cases), and 75 percent AA and A for individual cases. Dirties, as determined by one-half inch or greater of stains, adhering dirt or foreign material, shall not exceed 5 percent.

USDA verified in an egg industry survey that the percentage restrictions on the dirties were acceptable and reasonable. The contract further restricts checks at less than 5 percent and loss at 2 percent. In addition, the par weight specifications limits the average of the unit between 48 to 50 pounds net, with no individual case less than 46 nor more than 51 pounds net.

The spokesman hastened to add that the tight range assured buyers of high quality eggs insuring the success of this new contract through active trading.

Inquiries and/or industrymen interested in participating are encouraged to contact the CME, Agriculture Marketing Department, 312/930-3200.

Check ponds for bass reproduction

UNIVERSITY PARK — One key to successful bass-bluegill management in ponds is bass reproduction according to Terry D. Rader, associate professor of forest resources Extension at Penn State.

Largemouth bass are the primary sport fish in most ponds and they also are necessary to keep bluegill numbers under control. "As long as bass reproduction is successful, the fish populations of bass-bluegill ponds may be considered to be in a reasonable condition," says Rader.

This is the time of year when bass spawning occurs. When water temperatures reach 68 degrees F, spawning activity begins Look for bass and bass nests in water two to three feet deep. After the eggs hatch, schools of bass fry (newly hatched bass) will remain near the nest for a time These schools of bass fry are guarded by the male. After the schools of bass fry scatter, they may be found along the margin of the pond during the remainder of the year.

"Young largemouth bass develop a black stripe running lengthwise along their sides", says Rader. It is relatively easy to distinguish the young largemouth bass from other small fishes because of the black stripe. Walk slowly and quietly around the edge of the pond to observe the fishes in the shallow water. This kind of observation may be all that is needed to detect the presence of young largemouth bass.

If inspection of your pond fails to reveal any young largemouth bass and if the bluegills appear to be too numerous and stunted, it may be an indication that extensive remedial management is necessary. Contact your county agent for advice on restoring an acceptable balance to the bass bluegill populations in your pond.

RON MOORE'S
2nd ANNUAL
HOLSTEIN HEIFER SALE
FRIDAY EVENING, JUNE 4
6:30 P.M.
Located at R.D. 1, Blairs Hills, Huntingdon Co., turn off Route 75, 1 mile South of Waterloo, 5 miles North of Doylesburg, turn left on Mountain Foot Spur Rd., 1st farm.

52 HEAD
HOLSTEIN HEIFERS
30 Registered; 22 Grades

2 Bred Heifers - Due for Fall. Sired by: Arlinda Chief Gemini & Wilcoxview Performer Pat (From dams with up to 19000-740F
50 Open Heifers & Yearlings - 1/2 Are Registered. From Breeding Age to Started Calves
2 December Intermediate 4-H Show Prospects
5 Well-started Calves.
SOME OF THE SIRES OF THE REGISTERED HEIFERS INCL Tamlane Rockman Senator, Shardale Arlinda Chief Gemini, Sageser Chief Astronaut, Simpson Burkgov Snowman, Skokie Ivanhoe Star, Junell Ivanhoe Chief Charlie, Browndale Telstar Lee, And Many More Good Young Sires!, 2 Registered Service Age Bulls (From Good Record Dams)
Well-Grown, All Vaccinated, All Dehorned
Raised from Baby Calves Right on the Farm!
Health Charts - Catalogs At Ringside - Lunch Stand

Owner,
RONALD L. MOORE
Blairs Mills, Pa.
717-349-7100

Sale by:
Kling's Auction Service
Landisburg, Pa.

AUCTION SALE
CABINETS, WALLPAPER, RUGS, CARPET DOORS, NAILS, HARDWARE, PLBG. FITTINGS, HYSTER FORKLIFT TRUCK CHEV. VAN, PLYWOOD, PANELING, INSULATION, TILE, LUMBER, FLOORING, MOULDING, ROOFING
WEDNESDAY, JUNE 2
10 A.M. on premises
FLEMINGTON BUILDERS OUTLET
(Formerly Flemington Lumber Company)
1 MILE NORTH OF FLEMINGTON CIRCLE ON ROUTE 202 IN FLEMINGTON, N J
WHOLESALE INVENTORY APPROXIMATELY $238,000.00
SALVAGE STOCK SHOWING LITTLE OR NO DAMAGE
COMPRISING IN PART.
CABINETS, WALLPAPER, CARPET, LITE FIXTURES, HARDWARE
17 Base & Wall Kitchen Cabinets, 32 Counter Tops, 8 Vanities, 1,549 Rolls Foil & Vinyl Wallpaper, 4,600 Yds Residential, Commercial & Grass Carpet in Full & Part Rolls, 4 Oriental Rugs 6'x9' & 9'x12', 28-2x4-4 Bulb Lite Fixtures, Large Quan. Carriage, Machine & Lag Bolts, Washers, Hex Nuts & Screws From ¼" to ¾" in Original Boxes & Kegs
DOORS, NAILS, SHINGLES, ROLL ROOFING, PLBG. FITTINGS
46 Exterior Doors - 9 Lite, Diamond Lite & 6 Panel, 107-1 3/8" H.C. Luan & Louver Doors, 28 Alum. Combination Storm & Screen Doors, 87 Pre-Hung Luan & Louver BiFold Doors, Attic Stairs, Screen & Storm Sash, 10,750 Lbs. Common, Drywall, Finish, Galv. & Roofing Nails, 243 Rolls Smooth & 90# M.S Roofing Paper, 467 Bldes. Asphalt Roof Shingles, 3,400 Asst. Plumbing Fittings, Garden Tools, Gutter Fittings, Cabinet Hardware.
HYSTER 8000# FORKLIFT, CHEV. VAN
1-Hyster 8000# Cap. Gas Forklift Truck w/Dual Wheel Pneumatic Tires, Model H80B, 1-1977 Chev. C-30 Van.
PLYWOOD, PANELING, SIDING, INSULATION, TILEBOARD
28,700 S.F. 3/8" to 3/4" x 4'x8' Ext Plywood (Quan. of ½"), 27,500 S.F. 4'x8' x ¼" & 3/16" Wood & Masonite Paneling & Tileboard, 6,400 S F. 4'x8' x 5/8" T-111 Grooved Siding, 4,900 S.F. ½"x8'&12' Primed Masonite Siding, 6,400 S.F. 4'x8'x½" Rustic Wood Paneling, 1,400 S.F. 3/4" Birch Plywood, 15,400 S.F. 4'x8'x7/16" Ext. Aspenite, 10,200 S.F. 2'x8'x1" Styrofoam Insulation, 21,500 B.F. 1½" to 3½" Urethane Insulation.
LUMBER, FLOORING, WALL & FLOOR TILE, MOULDING
98,200 B.F. 2x4 to 2x12x8'/20' Dim. Lumber, 18,800 S.F. Bevel T&G&Channel Rustic Siding - Cedar & Pine, 2,100 B.F. Redwood, 177,000 L.F. Prefin. Wood & Vinyl Walnut, Oak, Etc. Mouldings, 2,400 B.F. 1x3 & 1x6 Oak Flooring, 20 Sets 4 5/8" Jambs, 40 Ctns. 12x12 Ceramic Floor Tile, 30 Ctns 4x4 Ceramic Wall Tile, 210 Ctns. Decorative Brick (Interior & Exterior), 127 Ctns. Ceiling Grid 12' Main Runner, 4' Cross Tees, 10' Wall Angle.
CATALOGS AT SALE
PHONE ON PREMISES
201-782-2000

INSPECTION MONDAY, MAY 31 - 9 A M to 4 P M
TUESDAY, JUNE 1 - 9 A M to 4 P M
TERMS: CASH OR CERTIFIED CHECK - 25% DEPOSIT REQUIRED

Wm. F. COMLY & SON INC
Auctioneers
1825 E. BOSTON AVE., PHILA., PA. (215) 634-2600

FARMERSVILLE AUCTION
TUESDAY, MAY 25
5:30 P.M.
In Farmersville, 3 mi. east of Brownstown, Lancaster Co., Pa.

Used Furniture
3 pc. livingroom suite (sofa, loveseat, chair); 2 doz. folding chairs; office desk; 2 drawer filing cabinet; 3 burner kerosene stove; maple dressers; buffets; china closet; desk; metal wardrobe; wooden wheelbarrow; single corn sheller; 20x50 binoculars; box lots; dishes

Appliances
2 Maytag wringer washers; portable TV like new; Culligan Commercial water softener (auto. control does not work, works mannually); Frigidaire refrigerator; 3-40" elec. ranges (2 Avocado); 1-30" Harvest Gold elec. range.

New Furniture
3-2 pc. livingroom suites; 3 recliners; 1 hide-a-bed; odd livingroom chairs; 2 sets double bedding; pine dresser.

We sell on commission!
Call **JOHN J. RUTT** 354-5095
Large Antique Sale on Memorial Day 9:00 A.M.

PUBLIC AUCTION
COMPLETE LIQUIDATION
FOR "DUFFEY FORD TRACTOR, INC."
At Route 404, ½ mile East of Route 50, Wye Mills, Maryland.
THURSDAY, JUNE 3
At 11:00 A.M.

TRACTORS: '71 Ford 9000 Diesel Tractor, '76 Ford 7600 Diesel Tractor, '77 Ford 6700 Diesel Tractor, Ford CL20 Gas Skid Loader (3 buckets), Ford Industrial Fork Lift (4000 lb).
NEW FARM EQUIP: Ford 15½' field cultivators, Ford scraper blade, Ford 3 pt lift booms. Ferguson Mini-tiller, New Category #3 quick hitch, Ferguson 10' & 7' chisel plows, Round bale hay feeders, etc. Round hay bale lifters.
USED FARM EQUIP: N.H. silo blower, Int. hay crusher, Int. 4 row rear cultivators, Ford 4 row corn head, 3 pt. rotary mower New Westgo 6 row cultivators.
ANTIQUE TRACTOR: 1929 Fordson Tractor w/metal wheels
TRUCKS & VEHICLES: '71 Ford LN8000 road tractor, '76 Landoll Haulall 42' machinery trailer, '71 Ford F600 with Jerr-Dan rollback body, '76 Ford F-100 pickup, '79 Ford F-250 Pickup, '78 Ford Fairmont station wagon, (all the above inspected for sale), Ajax trailer for lawn tractors, '75 Pinto station wagon and '74 Ford F-250 Pickup (as-is).
SHOP EQUIPMENT: A-frame hoist, M & W Dynamometer, Electromagic 41000 hot water pressure washer, Ford splitting stand, 5 hp air compressor, (2) battery chargers, 3/4" drill, 50 ton press, Hydraulic test analyzer & flow meter, Graco air powered grease pump, anvil, Allen electrical testers, fire extinguishers, floor jack, mechanic's cart, Calcium pump, (4) heavy duty work benches, Wilton vise, bench grinder, 6" vise, heavy duty cart, chain hoists, shop vacuum, spray gun & equip., welding table, universal engine stand, extension cords, drop lights, air hoses, utility hoist, parts cleaner, creepers, Pullers, 3/4 drive sockets, A/C tools & vacuum pump, hand tools, Briggs & Stratton tools, come-a-longs, chains, time clock, torque multiplier wrench, acetelyne sets, tap & die sets, injector pop tester, etc.
PARTSROOM: 51 metal parts bins, 12 - 12' wooden bins, hand trucks, heavy duty pallet racks, Misc. parts drawers, manual inventory control system, Micro-fishe reader, Misc. racks, sprayer parts, bolts, hardware, paints, power washers, toy tractors, rebuilt 172" gas engine, rebuilt Selecto-speed trans., Ford weights, Parts for old Ford tractors, J.D. snowblower, wheels & rims, etc.
OFFICE: steel and wood desk, 2 & 4 drawer file cabinets, storage cabinet, Olympia electric typewriter, calculator, adding machine, checkwriter, various chairs, water cooler, Scott 3D copier...GE MOBILE RADIO BASE, 3 MOTOROLA MAXAR MOBILE RADIOS, 125' RADIO TOWER.

TERMS & CONDITIONS CASH CERTIFIED CHECKS OR CHECKS WITH BANK LETTER OF GUARANTEED CREDIT LOCAL MARYLAND CHECKS APPROVED BY OWNER OR AUCTIONEER
INSPECTION Tues Wed June 1 & 2 and morning of sale Thurs June 3 from 9 00 a m

Harry Rudnick & Sons, Inc.
Sales Managers & Auctioneers
Galena, Md. (301) 648-5601

NEXT **CONSIGNMENT AUCTION**
MONDAY, JUNE 7, 1982
9:30 A.M.

★ Usual Run of Tractors, Machinery & Construction
★ Absolute Auction Items: M.F. 285 w/800 Hours-Like New

WE ACCEPT CONSIGNMENT ANYTIME

N.I. 10 Ton Tandem Spreader- Excellent
(2) Nice Flat Wagons-Etc., Etc.
Tractors sell at approximately 2:30 followed by construction

WENGER'S FARM MACHINERY, INC.
251 S. Race Street, Myerstown, PA 17067
717-866-2135

Auction

VALUABLE FARM MACHINERY
SATURDAY, MAY 29th
AT 10:00 A.M.

NOTICE Discontinuing farming we will sell all of our late model machinery and tools at public auction

LOCATION The sale site will be our front pasture field located along Clemsonville Road, just off of Route 26 at Unionville midway between Libertytown and Taylorsville, Frederick County, Maryland Follow sale signs

DEUTZ Model D13006 diesel tractor, SN RF6L912 w/18 4x38 rear, 11 00x16 front tubeless, 2 double spool hyd , 704 hrs

DEUTZ Model 6206 diesel tractor, SN F41912 w/single spool hyd , 16 9x30 rear, 750x16 front, 687 hrs

N.H Model L445 skid loader, SN 482243, diesel eng , enclosed cab, fork & bucket, 82 hrs

N H. model 850 round baler, SN 457485, exc cond., N H 256 rubber base tooth hay rake, SN 354358, N H 451 (3) pt counter balance sickle mower, SN 239406, GRIMM hay tedder, SN C7902, exc cond , N H 479 (9') haybine, exc cond , N H 495 (12') pull type haybine, little use, (2) 10 ton, 18' flat bed hay wagons, 3 pt bale carrier, single prong bale fork, N H 880 field harvester, 1000 RPM 9 knives w/2 row 36" corn head, WESTENDORF Allmatic WL-42 quicktach manure loader w/fork & bucket, N H 512 box manure spreader, 2 beaters, SN 341260, N I 12A manure spreader, BRILLION model 51 (3) pt hitch 5 shank sub soiler, SN 81765, BRILLION 16' fold up transport springtooth harrow, SN 70472, WHITE 40 disc 12' transport harrow w/hyd cyl., SN 03404, WHITE 3 pt 3x16" automatic reset plow, LILLISTON 7'-6' pull type rotary mower, SN 0130103, chain pasture harrow, DANUSER 3 pt. hyd controlled post driver, model MHD1, SN 002294, DANUSER 3 pt post hole digger, model F8, 12" auger, SN 020435, DANUSER model MS1 3 pt hyd wood splitter, SN 004156, RHINO 3 pt extra heavy duty 7' scraper blade, SN 026168, DAYTON 20,000 watt PTO generator mounted on 2 wheel utility trailer, SN 1261066, LELY 3 pt. fertilizer spreader, FARNAM 8' (3) pt. pasture renovator, YAMAHA XS11 SPECIAL MOTORCYCLE, 331 MILES, HONDA ATC90 3 WHEEL MOTORCYCLE, TRAILBRON 5 HP ENG MINIBIKE, JARI sickle bar mower w/3HP Briggs & Stratton eng , push type, MERRY TILLER w/3HP 4 cyl Briggs & Stratton eng , 300 gal. skid fuel tank & pump, N H model 42RM mower deck, SN 310808, XENAH weed eater, DEARBORN 3 pt dirt scoop model 19-6, cattle head gate, (2) ProMo liquid tanks, (2) round bale feeders, square bale feeder, mineral feeder, Eolomatic roller pump, BOBCO 5" bench vise, (6) rolls Red Brand woven wire, (27) 6½' steel posts, pr steel trusses, (5) 55 gal oil drums, Jackson 2 wheel yard cart w/tilt dump, Craftsman 3 drawer tool box, baler twine, barbed wire, lg. wooden desk, shovels, digging bars, fence stretchers, hoes, picks, bush ax, pipe clamp, clam shovel, post driver, scythes, axes, staples, nails, 4'11"x18" I beam, mower parts, elec fence supplies, seed sowers, lumber, 18 used creosote barn poles, ax handles, bolts, trowels, wedges, hammers, sledge hammers, log chains, ratchet jack, rake; grease guns, oil, grease, part of 3 shovel drag; hyd cylinders, LIKE NEW KENMORE 8000 BTU, 115 VOLTS WINDOW A/C; (2) automatic elec waterers; 2 ENGLISH SADDLES & BRIDLES, and many more items too numerous to mention

AUCTIONEERS NOTE: The majority of this equipment was purchased new and has had little use since and is in excellent condition.

INSPECTION PLEASE NO INSPECTION OF EQUIPMENT PRIOR TO MAY 28TH! On May 28th equipment will be on display at the site mentioned above from 9am to 5pm. For detailed information call Trout Auctioneers, Inc. 301/663-1555 or Randy Ruby at 301/898-3673.

TERMS: Cash or Guaranteed Funds on day of sale. A 5% MD tax will be collected where applicable. Not responsible for accidents.

MR. & MRS. HARRY H. DULANY
9002-A Clemsonville Rd.
Union Bridge, MD

Lunch by the Linganore Grange
Trout, Ruby & Strawsburg, Auctioneers

SINCE 1920

Trout Auctioneers, Inc.

15 North Court Street/Frederick Maryland
301/663-1555
Experience Doesn t Cost — It Pays'

PENNSYLVANIA 6TH PERFORMANCE TESTED YEARLING RAM SALE
SATURDAY, JUNE 5, 1982
2:00 P.M.
ALLENTOWN FAIRGROUNDS
As Part of the 1982 Pa Sheep Field Day Program

SELLING APPROXIMATELY 30 RAMS Plus: 30 PUREBRED EWES AND 20 COMMERCIAL EWES

RAMS ON TEST
Dorset, Hampshire, Shropshire, Southdown, Suffolk
AVG DAILY GAIN FOR 43 RAMS is 991b /day
AFTER 70 DAYS ON TEST

Catalogs Available About May 15, 1982

SELLING ABOUT 30 RAMS
Plus
30 Purebred Ewes & 20 Commercial Ewes

FOR INFORMATION CONTACT
Bob Kimble
814-238-2527

For Catalogs Write
PA DEPT OF AGRICULTURE
MEAT ANIMAL EVALUATION CENTER
651 FOX HOLLOW ROAD
STATE COLLEGE, PA 16801

AUCTION
EXCELLENT GROUPING OUTSTANDING ANTIQUES FROM THE WELL-KNOWN ROY GODSHALL COLLECTION

AT: The Skippack Firehouse, Rt. 113 (¼ mi. So. of Rt. 73) Skippack, PA
THURSDAY, MAY 27, 1982
9.30 A.M.
Jewelry at 11:00, Furniture to Follow.

ANTIQUES - Cottage Bureau, Oak- 3 Sideboards, 2 bureaus, 2 rockers, 3 stands, and hanging corner medicine cabinet, 2 bedroom chairs; slatback & rushback & seat rockers, Empi e Bureau, Tea Table, washstand w/1 drawer, spool turn, sm. 3 shelf glass display case, wood box, dropleaf table, blanket chest, 2 foot stools, spinning wheel chair, tool box & tools, baskets, books, book racks for church pews, organ stool, pictures & frames, mirror, 2 glass display cases (approx. 6' length), tiny Pot Belly Stove, clothes tree, piano lamp, sleigh & inside Dinner Bell, eye glasses; buttons - glass, brass, wood, bone & others; marbles, flatware, tin, brass, copper & woodware, bottles, jars, jugs, crocks, redware & slipware, earthen pie plates, cast iron door stops, blue stoneware, yellow & Bandware, linens, quilts, blankets, and homespun; REPROS - Settle Table & Doll Cradle; JEWELRY include Ladies Lapel and Wrist Watches; earrings, assortment of lovely pins, misc. rings, variety of necklaces, jewelry boxes.

CHINA - Early Staffordshire Coffee and Tea Pots, sugar bowls varied colors & patterns, also handless cups w/saucers include garden sports pattern; many early china plates, Gaudy Ironstone, Historic Blue, Chelsea & Ironstone pitchers & platters; Jackfield Pottery Pitcher w/pewter lid, Mettlach vase, R.S. Prussia bowl, water pitcher w/hound handle, Adams pink cups, saucers & creamer in Sower pattern; Spatterware, 3 pcs. Mostique ware, PEWTER, American, German & English in coffee & teapots & plates.

GLASSWARE - Cutglass bowls, vase & water bottle; W. Durand blue glass bowl, Pressed glass pitchers, bowls, compotes, many cruets, vases, stemed wine glasses, water set, art glass & end of day vases, comas & milkglass items, cake stands, collection gold band pcs., oil lamps, miniature oil lamps, sandwich glass cup plates, glass animals, collection of mini cats, dogs, & monkeys

TERMS - CASH LUNCH

Sanford A. Alderfer, Inc.
REAL ESTATE BROKERS and AUCTIONEERS
665 Harleysville Pike (Rt 113)
Box 1 Harleysville PA 19438
215-723-1171 or 256-8892

Sale Reports

A public auction of real estate and farm equipment was held May 13 by Mr and Mrs Mason Rodeheaver, 4 miles south of Accident at Friendsville, Md

The 90-acre dairy farm with house, dairy barn, heifer barn and machine shed was sold for $140,000 The top-priced Holstein cow brought $1,300 with an average of about $1,000 for the 40 head.

Other prices were Ford 5000 tractor $5,000, Ford 3600 w/loader $4,600, N I #10 corn picker $1385, N H manure spreader $1075, Ford self-unloading forage wagon $1,775, oats $2 20 per bu , hay $1 55 to $1 70 per bale

Auctioneers Luces & Stahl

xxx

The Farmersville Auction held a sale of household goods and antiques on May 11 in Farmersville, 3 miles east of Brownstown, Lancaster Co

Some prices included oak bed (cut-down) $60, wooden butter churn $60, 2 Maytag wringer washer $90 & $220, jointer $30, 2 pc Early-American livingroom suite $90, maple bed $35, 120 Bass accordian $90, 3 pt waterfall bedroom suite $200, Lazy-Boy recliner $65, knee hole desk $40, maple chest on chest $60, 2 buggy robes $15 & $20, and 2 antique hanging lights $85 each

Sale conducted by John J Rutt

xxx

A large crowd of 420 registered buyers, including many from out-of-state, attended a public sale for the Myrtle M Ream estate on Saturday, May 15, in Fritztown, Berks County Other states represented at the sale included North Carolina, Missouri, Virginia, Rhode Island, Connecticut, New Jersey and Maryland

Prices included a 1790 decorated blanket chest, $4,250, ornate dining room suite, $800, oak china closet, $425, oak bedroom suite, $550, child's roll-top desk, $200, walnut cradle, $260, pine blanket chests, $190 & $275, 1759 Conrad Weiser deed, $480, 1796 fraktur, Berks County, $350, 1909 German doll, $320

Also, adult wooden toy, $115, toy horse on wheels, $210, China bowl, $250, small kerosene painted lamp, $105, three Stegmaier beer trays, $112 50, child's dress, $125, 12 quilts including red & white schoolhouse, $500, green lily, $350, others, $140 to $220, Stahl's bread cabinet, $105

Coins included 1794 large cent, $165, 1837 half dollar, $45, 1823 half dollar, $40, 1894 dime, $16, 1833 half cent, $35, 1808 half cent, $33

Auctioneers were T Glenn and Timothy G Horst, of Akron

PUBLIC AUCTION
Valuable Farm Machinery Household Goods; Antiques; Farm Tools; Boat Dishes; Glassware and Misc. Items.
SATURDAY, MAY 29
9:30 A.M.

The undersigned moving to Florida will offer for sale on the premises turn off of I-83 Expressway Shrewsbury at exit #1 on to route 851 East, proceed to Ridge Road turn right to first farm on left or from Stewartstown go west on route 851 to Ridge Road turn left first farm on left in Southern York Co., Pa (arrow signs posted).

Farm Machinery

Massey Ferguson 65 tractor w/hydraulic and P.T.O ; Long 445 tractor w/hydraulic and P T.O ; I.H C. 3 bottom 14" plow 3 pt. hitch, Allis Chalmers #303 baler w/kicker, Smoker hay and grain elevator, Hesston PT-10 hay conditioner; 2 rubber tire farm wagon one w/hay racks, Massey Ferguson roto bar rake practically new; disc, spring tooth 3 pt harrow, 7' P T O rotary mower, N H #450-7' cut 3 pt mower; J.D 7' 3 pt blade, Massey Ferguson 5 tooth chisel plow, J.D and Massey Ferguson snow blowers; J D cylinder, Wards 5 H.P roto-tiller, iron hog troughs; oil drum w/pump, rubber tire wheelbarrow, snow fence; Wards airless sprayer, hand type post hole digger, chain saw, vacuum shop cleaners, Wards heavy duty air compressor 220 volt, metal chicken nests, push type garden worker, Larson 18' fiberglass boat and 50 H P Evinrude motor & trailer

ANTIQUES-HOUSEHOLD GOODS

Old store type coffee grinder, square oak table, oak rocker; mahogany drop leaf card table, solid mahogany gate leg extension table; solid mahogany china closet, tilt top Duncan Phyfe leg table; solid mahogany 5 piece bedroom suite w/cedar lined drawers; walnut Victorian bedroom chair; mahogany drop leaf coffee table, 3 piece oak bedroom suite w/wash stand; knee hole desk; New Haven steeple design 8 day mantle clock, walnut Victorian commode; walnut bee hive clock case; 30 gal. crock and other crocks & jugs; 2 piece living room suite; Admiral stereo; Wards 20 cu ft. upright deep freeze; Wards side by side refrigerator; Admiral upright deep freeze; antique lemon squeezer; bookcase; 3 window type air conditioners; G.E 2 speed automatic washer and dryer; Wards refrigerator; wing back overstuffed chair; 4 dining room chairs, Singer electric sewing machine; 2 upholstered reclining chairs; drop leaf night stand, glass top coffee table; 30 drawer metal filing cabinet drop out design, 4 drawer file cabinet; Duncan Phyfe leg small table; 2 maple straight back chairs; 2 bookcases; coffee table, patio table & chairs, picture frames; mirror; picnic table & benches; 4 st. back chairs; overstuffed chair There are many dishes, glassware, pots, pans, tools and other items too numerous to mention Not responsible for accidents day of sale Lunch served. Everything sold as is. Order of sale farm tools; farm machinery and household goods

Terms-CASH or approved check.

MR. & MRS. EARL W. KILLIAN
Owners
Charles W. Shrodes
David W. Shrodes, Auctioneers
Phones 301-996-2424
301-692-5667

STRIKE IT RICH!

SELL IT WITH A LANCASTER FARMING CLASSIFIED

Sale Reports

A public auction of guns and tools was held May 15 by Jim and Sandy Yockey, 4 miles south of Quarryville, Lancaster Co

Some items were: Craftsmen 1 hp. air compressor $220, A.C. 5 h.p. composter $90, tool box $115, golf clubs set $90, portable TV $75, 1886 Colt 45 pistol $175, 38 cal. special Smith & Wesson pistol $90, Ruger Bear Cat pistol $85 and 308 Winchester gun $80.

Auctioneers were Gary L. Shirk and Lloyd H. Kreider

xxx

A public auction of household goods was held May 12 by Benj. Brookmyer, rear of 1036 E. King St , Lancaster.

Prices received were wooden hay fork $90, large tin Piedmont cigarette sign $90, cash register $50, porch glider $95 and snow blower $85

Auctioneer was John H. Copper.

xxx

The Royal Charolais 1982 Bull and Female Sale was held May 15 at the farm Greensburg, Westmoreland Co. There were 39 buyers present from 14 states and 2 Canadian provinces.

The 20¼ lots of Bulls brought $46,150 for an average of $2,279 The 33 lots of females brought $89,600 for an average of $2,715. The total of 53¼ lots totaled $135,750 or an average of $2,550 overall

The top-priced bull, RCC Royal Lindy 3499, was sold (half interest) for $7,500 to Bratton Charolais Farm, McVeytown, Pa. and Hubert Charolais Ranch, Monument, Kansas.

Sale Manager was Buzz Garey

xxx

A machinery sale was held May 15 by Lawrence H. Place, 3 miles west of Mehoopany, Wyoming Co

Some prices were: N.H. 273 baler $3,800, Massey 165 D tractor $3,500, Bale King wagon $1700, N H. 461 haybine $625, N.H. 3 pt. hitch mower $500, J.D. hammermill $125, Universal milker units (floor type) $70 each and Surge BB4 milker pump $200.

Merton L. Bunnell & Associates, Auctioneers & Mgr

xxx

A public auction of real estate and antiques was held May 15 by Grace K. Heffley, 1 block south of Kleinfeltersville, Lebanon Co.

The plot of ground 90'x320' with a 2½ story asbestos-sided frame house, 2 car garage and chicken house was sold for $38,600

Other priced included: marble-top dresser $525, oak washstand $90, brass hanging light $300, Redware crock $50, riding mower $525.

H.H. Leid Auction Service, John H. Fry, Auct

xxx

An auction of Early American furniture was held May 15 by James Dennis and Mary Dennis, 575 Cecil Ave , Perryville, Cecil Co , Md. There were 280 registered buyers in the crowd of 500 people

Some prices were: two corner cupboards $500 & $800, chests of drawers $200 to $600, small reed basket $105, marble-top wash stand $300, pine hutch table $580, jeweler's storage box $310, bowed-glass china closet $550 and school master's desk $410.

William H. Amoss was the auctioneer.

GARY & GALE WARREN

HOLSTEIN DISPERSAL

FRIDAY, JUNE 4

(11:00 A.M.)

LANCASTER, PA.

Sale held at the Guernsey Sale pavilion located 5 miles east of Lancaster, Pa. on Rte. U.S. 30.

115 REGISTERED HOLSTEINS SELL!!!

(70 Milking Age - 6 Bred Hfrs - 20 Yrlgs - 19 Calves)

All tested for immediate interstate shipment - Exam for Preg

LOOK AT THE LATEST CLASSIFICATION!!

Classified on April 17, 1982 -- 9 "EX" (1 at 92-3 at 91), 36 "VG" - (3 at 88-12 at 87 - 8 at 86)

20 TOP DTRS OF "ELEVATION" SELL!

* One Elevation selling is "Lacy" with 31,590 M. 1002 F and a 1457-lb. plus index and is "VG-88" She has two dtrs. selling and is now bred to Ivanhoe Star

* Another Elevation is "Mazy" (EX-92) with 20,153 M 3 7% 754 in only 286 da at 4 yrs She is due sale time to "Chief " She could become one of his greatest dtrs. Her dtr by Jet Stream sells

* "Mindi" sells (VG) at 3 yrs. with 21,535 M. 4% 852 F. at 2 yrs. and index of 1398 Her Dec Valiant dtr sells Her "EX" dam also sells due back in Sept to Elevation.

OTHER TOP SIRES REPRESENTED!!

20 by Elevation - 6 by Astronaut - 6 by Job - 5 by Bootmaker 5 by Creek - 4 by Complete - 4 by Jet Stream - 4 by Marvex - 4 by Life of Riley - 3 by Valiant - 3 by Ivan Star - 5 by Proud Performer - 3 by Fury Ivan - 2 by Jemini and others

SERVICE SIRES INCLUDE - Elevation - Chief - Bootmaker - Kingpin - Apollo - Astronaut - Complete - Creek - Ivan Star - Jemini and others

PRODUCTION, PRODUCTION, PRODUCTION!!

One EX-91 Dtr of Vigo Standout Reflection sells with 33,999M 4% 1355 Fat

One "VG-88" Ivan Star sells with 27,373 M 4% 1321 Fat, 4 yr 2 dtrs sell also

A "VG-87" 3 yrs old sells with 27,698M 4 4% 1185F A 1300-lb plus index

A "VG-87" 3 yr. old "Molly Chief" with 21,841 M 5 1% 1103 Fat from an Apollo dam

A "EX-91" Apollo sells with 22,734M 4 8% 1086 Fat Due to Elevation

A "3E-90" show cow with 27,230 M 4 3% 1172 Fat Her dam 3E-91, next dam VG-89

THIS IS A FINE HERD WITH OVER 30 HEAD DUE IN THE SUMMER AND EARLY FALL MONTHS!!

YOU CAN SURELY FIND A FINE ADDITION TO ANY HERD IN THIS DISPERSAL!!

SEMEN SELLING - Fond Matt - Ivanhoe Star - Chief - Apollo and others

MAKE SURE YOU ATTEND AND BUY FROM THE "DELAWAREN HOLSTEINS" DISPERSAL!!

GARY C. & GALE B. WARREN

R.D.1 Box 174

Middletown, Del.

302-378-4382 Farm

302-834-7422 Home

R. AUSTIN BACKUS, INC.

Sale Managers & Auctioneers

Mexico, N.Y. 13114 (315-963-7231)

COMPLETE LIQUIDATION

BANKRUPTCY AUCTION

EAST EARL LUMBER COMPANY

SATURDAY, JUNE 5

AT 9:00 A.M.

Located in Lancaster County just east of Blue Ball near intersection of Route 23 & 322. Turn south off Rt. 322 on Earl Road to Auction. Watch for Auction signs along 322 day of Auction.

WOODWORKING EQUIPMENT

20" Jewel Planer, Rockwell Shaper, Rockwell 14" Band Saw, Beach Large Belt Sander, Rockwell 12" Table Saw, Dewalt 5 hp. Radial Arm Saw, Walker Turner Drill Press, Campbell Hauser 5 hp. Compressor, Tennewitz H.D. Table Saw, Rockwell G 11 Joiner, Rockwell Radial Arm Saw, Craftsman Radial Arm Saw, Craftsman Belt Sander, 3 Stanley Routers, Stanley Drills, Duo Stapler, Belt Sanders, Jig Saw, Door Jigs, Workbenches, 50 Pipe Clamps, Wood Clamps, Vises, Power Hand Tools and Related Accessories!

NEW LUMBER INVENTORY

Over 5,000 Pcs. Lumber Including: 2x2's, 2x4's, 2x6's, 2x8's, 2x10's, 2x12's, 4x4's, Plywood, 1½x5's, 1½x7's, 1½x8's, 6x6's, ¾x8's, ¾x10's, ¾x12's, 500 pcs. Moulding, Tongue & Groove Plywood and Flooring, 100 pcs. Gypsum Wallboard, 4'x8' Particle Board, Oak Flooring, Cedar, 4'x8' Celotex, Siding, Hundreds of Wood and Steel Doors, Anderson Windows, Stair Stringers, Insulation, Shutters, Aluminum Siding, Roofing paper, Vinyl Siding, Screen Doors, and Thousands of Other Pieces of Lumber and Related Items too Numerous to List!

HOME & HARDWARE STORE INVENTORY

Over 900 Gallons Paint, Shellac & Accessories, Over 500 lbs. Nails, Thousands of Nuts, Bolts, & Hardware, New Hand & Garden Tools, Staple Guns, Hose, Gloves, Weather Stripping, Roof & Driveway Coating, Saw Blades, Drill Bits, Vanities, Sinks, Ceiling Tile, Window & Door Hardware, Floor Tile, Electrical Supplies, Spray Paint, Suspended Ceiling Grid & Panels, Plumbing Supplies, Paint Brushes, Caulking, Wallpaper, Shelving & Parts Bins, Threshold Plates, Shelf Brackets, Fluorescent Lights, Concrete Mix, 25 Rolls Roof Paper, 500 Gallons Roof Cement, Coating Sealer, 25 Gallons Blind Nail Cemet, Brackets, Hinges, Tapes, and Thousands of Other Items!

OFFICE EQUIPMENT

4 Office Desks, 6 File Cabinets, Desk Chairs, 3 Calculators, Electric Typewriter, Complete Drafting Table, Minolta Copier, Microfiche Viewer, National Cash Register, Floor Model Safe, GE Refrigerator, Coffee Maker, 2 Air Conditioners, Desk Lamps, Office Supplies, Key Making Machine & Blanks, and More!!

NOTE: Two Auctions will run at same time. #1 - 9:00 A.M. will sell new store inventory. 2:00 P.M. Office Equipment. #2 - 9:30 A.M. Will sell new lumber. 1:00 P.M. Woodworking Equipment. Bring a friend to cover both, there is surely something here for everyone!

AUCTION ORDERED BY:

COMMONWEALTH NATIONAL BANK

SMALL BUSINESS ADMINISTRATION

Secured Parties

KERRY PAE AUCTIONEERS

327 N. Front Street

Harrisburg, PA 17101

(717) 236-3752

AUCTION

BUILDING CONTRACTORS TOOLS & EQUIPMENT

1978 CHEVETTE, TRAILER, MISC. OFFICE EQUIPMENT

AT: Office of Sanford A. Alderfer, Inc. 65 Harleysville Pike (Rt. 113) Franconia (2 mi. No. of Harleysville), PA

WEDNESDAY, MAY 26, 1982

5:00 P.M.

AUTO - 1978 Chevrolet Chevette 2 dr , light green, 59,000 miles.

TRAILER - 1971 Marion All Steel 4x8 3/4 Ton Tandem Axle, Licensed & Titled.

TOOLS & EQUIPMENT - Delta Rockwell 9" Radial Arm Saw, Dewalt 7730 Radial Arm Saw w/stand, heavy duty Milwaukee Sawzall, 3/8" Rockwell Hammer Drill, 3- 7¼" Skill worm drive saws, 2- 7¼" Skill saws, 6½" Skill worm drive saw, Skill #96 Planer, Rockwell Belt Sander (3x21), Craftsman Belt Sander (3x21), 2 Berger Model 200B instruments, elec. Dufast Staplers, Under Layment Nailer, Bostitch Hammer Staplers H2B, Swivel Wheels for Scaffold, 8 Sections of Scaffold & Braces, 2 ladder jacks, 2- 12" x 20' alum. scaffold planks, 40' ext. ladder, pump jacks & braces, wheelbarrows, steel concrete trowels, magnesium floats, sump pump, Tapco port. saw table, 4' & 6' stepladders, bolt cutter, shingle ripper, post hole digger, Penguine Radiant Oil Heaters, Electro-Magic Space Heater #725, ¼" electric drill, 3/8" electric drills, router, vinyl tarps, drop cloths, portable electric heater, misc. shovels, rakes, scrapers, etc.; MISC. OFFICE EQUIPMENT

TERMS - CASH.

Sanford A. Alderfer, Inc.

REAL ESTATE BROKERS and AUCTIONEERS

665 Harleysville Pike (Rt 113)

Box 1, Harleysville PA 19438

215-723-1171 or 256-8892

PUBLIC AUCTION

SATURDAY, MAY 29, 1982

10:00 A.M.

The owners have sold their farm and are moving to a new location. Mostly farm machinery, antique autos and carriages, some household goods and antiques. Held on location, Saturday, May 29, just outside Branchville N.J. on Mattison Road. Auction arrows posted on Rt. 206 or just ask anyone. Includes the following:

ANTIQUE CARS AND CARRIAGES:

1915 Model T Roadster, 1914 Red Touring Car, Antique Model 1915 Midget Gas Powered Ford (all in excellent condition - used in local parades). Two Seater Buggy, One Seat Buggy, High Wheel Racing Cart, 2 Horse Undertaker's Sleigh, Pony Cart, Beautiful Child's Antique Sleigh Cutter, Harness, Saddles, and misc. equipment.

FARM MACHINERY:

John Deere 2020 Tractor (good), 1968 Ford ½ Ton Pick-up Erickson Skid Loader w/Manure Forks, Tilt Flat Hay Wagon, New Holland 68 Baler w/Gas Thrower, 7' John Deere Snow Plow, N.H. Manure Spreader, 451 N.H. Mower, N.H. Rake, 2 & 3 Bottom 3 Pt. Plows, Cutter Disc, Kicker Hay Wagon, Grimm Tedder, 3 Pt Cultivator, "Arnold Palmer" 1932 Toro Golf Course Tractor, John Deere 110 Lawn Tractor (Hydrostatic w/some attachments), Planet Jr Gas Garden Tractor w/attachments, other lawn & garden equipment, horse drawn plows, cultivators, corn shellers, etc. Misc. Farm equipment, Two 500 Gal. Oil Tanks, Electric Gas Pump, Cement Mixer, Drill Presses, Metal lathe, Hand Tools, hand trucks, silage carts, etc

HOUSEHOLD:

Mahogany Case Grandfather Clock (1800's) damaged, Desks, Secretaries, Living Room and Bedroom Sets, 21 Cu. Ft. GE Refrigerator, Chest Freezer, Woodstoves (Timberline, Wonderwood), TV's, Office Equipment (chairs, desks, typewriters, etc.) Housewares, items too numerous to mention. Also Garelli Moped, Honda 90 Motor Bike, Horse and pony equipment, leather sewing machine, and all the odds and ends. Inspection at 8 a.m. Food Stand by Frankford Plains Methodist Church.

Terms: Cash or Certified Funds

Seller:

MR. AND MRS. "PAT" BERHMAN

Sale Conducted by

Castner Estate Service, Inc.

(201) 948-3868

That's erosion

CHAMBERSBURG — When rain falls or water from any source runs downhill on bare soil, it moves soil particles, organic matter, and soluble nutrients That is soil erosion.

Soil erosion by water may occur anywhere there is enough rain to cause runoff or where land is flooded by irrigation, snow melt, or other causes

To avoid erosion, the soil must be protected from moving water Dense vegetation, cover crops, mulches, grasses, or trees will intercept rain and slow down runoff

Where tillage leaves the soil exposed, barriers like terraces or sown strips of different crops can help control runoff Otherwise, tillage needs to be confined to nearly level soils where water moves slowly.

Anyone with a soil erosion problem that would like assistance with it can contact the local U S Soil Conservation Service

PUBLIC SALE

of contents of
OLD SHELLENBERG PLANING MILL
SATURDAY, JUNE 5
9:30 A.M.
at 109 S. Spruce St., Lewistown, Pa. approx. 3 blocks west from Walnut St. exit off Rte. 322.

HERMANCE PLANER 8x24 PLANES THREE SIDES, CRESCENT 20" JOINTER, 16x48 WOOD LATHE, J A FAY AND EGAN 6" MOLDING MACHINE, B.M. Root Tennoning machine, Shimer Shaper (needs repair), Master woodworker machine (comb cut-off, rip, jointer, etc) old morticing machine, old large jigsaw, antique wooden table saw w/2 mandrels for cut-off or rip, 4" jointer, Ingersold Rand compressor driven by Wisconsin engine on trailer, Fairbanks #4 platform scales w/brass beam approx. 2 ton cap., Electric motors from fractional H.P. single phase to 10 H.P. 3 phase. Line shafts and pulleys. 12 ft cabinetmakers bench, 6 ft. bench w/Emmert vise, Lumber carts, belting, carpenter chests, tool box, old wooden clamps, old trunk. Some items are damaged from a recent fire in one corner of building Nail kegs and nails, moldings, odd lots of lumber, chestnut boards, walnut couch frame, doors, sash, wooden venetian blinds, spool bed, sash pulleys, interior locksets, newell post, 75 pr. 3½" hinges, quilt rack, old picture frames, old radios, tubes and parts, heatrola, copper tea kettle (no lid), ice tongs, brick tongs, picks, Packard hub caps, old auto wheels, anvil, paint sprayers, many quarts and gallons paint with smoked labels, old lunch boxes, bottles, books, old typewriter and office supplies, oil furnace suitable for shop, oak drafting table and book case, old oak office desk with typewriter on flip-over top, used sinks, ladders, (one 55 ft.), 2 bicycles, used fluorescent lights, knock-out hubs for Jeep, tractor umbrella, grease pump, flares and other usable and misc. items

Terms: Cash.
Auctioneer: Mark Glick, Reedsville, Pa.

TWO DAY PUBLIC SALE
OF FARM EQUIPMENT

At our place of business located six miles south of Chambersburg, Pa., one mile east of Marion, just east off Int. 81 at Marion Exit along Rte. 914, on
THURSDAY, FRIDAY, MAY 27-28, 1982
Sales at 9:00 A.M. D.S.T.
SELLING THURS. - TRACTORS - TRUCKS - LAWN & GARDEN EQUIPT. - ETC.

Tractors inc. John Deere, International, Fords, Massey Ferguson, Oliver, Case, Allis Chalmers and others expected, some with loaders. We expect some Industrial Equipment, trucks, lots of lawn and garden equipt., small items of all kinds, hardware, posts and usual run.

SELLING FRIDAY - HAY MACHINES - PICKERS COMBINES — FORAGE AND TILLAGE EQUIPT. - ETC.

Balers, haybines, rakes, mowers, conditioners, forage and flail choppers, blowers, elevators, combines, pickers, grinder-mixers, planters, drills, spreaders, forage and other wagons, plows, disc harrows, packers, sprayers, blades, rotary mowers, post diggers, tires, hardware and bal. of small items. Also on neighbor's farm, M C W Model 255A continuous flow grain dryer, 250 bu. per hour at 25% moisture; 60 ft. grain elev., 6 inch; 19,000 bu. grain bin, 36 ft. across, 7 rings high, with fan and clean out auger.

ATTENTION FARMERS AND DEALERS - Bring in your equipt. for this our 37th Anniversary Sale. Next sale will be one day only June 24. No equipt. with liens accepted unless we are notified. Open daily 8:00 A.M. to 5:00 P.M., Sat. 4:00 P.M., 7:00 P.M. eve before sale. Closed Sundays.

Terms Cash or Good Checks; Identification required for Byer's No's Breakfast and lunch available.

RALPH W. HORST, Manager
Marion, Pa. 17235
Phone: 717-375-2824
Rentzel, Wolgemuth, Upperman, Bohrer, Speicher, Gossert, Harry, Auctioneers

PUBLIC SALE

From Interstate 81 South of Martinsburg, WV, take Exit #5 (Inwood, WV) Route 51 East approximately 3½ miles to Larry's Market (formerly Haines') Turn right - .2 of a mile to sale - OR - From Charles Town, WV, take Route 51 Route 51 West - Go approximately 8 miles to Larry's Market - Turn left - .2 of a mile to sale.
MONDAY, MAY 31, 1982
At - 9:30 a.m.

APPROXIMATELY 20 -25 TRACTORS - Including Cubs, Fords, John Deere, Internationals, Fergusons and many other makes. ALSO - We will be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 ft. blades, post hole digger, discs, wood saw, rakes, baler, grain elevator, corn pickers, and many other farm related articles.

We will also be offering a good selection of new and used tools, some household articles and some antiques. ALSO – We will be offering some coins.

TERMS: CASH. Nothing to be removed until settled for.

Sale Mgr.,
EDGAR A. BOHRER
304-299-8354
Auctioneers: Miller and Bohrer
Clerks: Ware, Bohrer and Bohrer

NOTE: This a consignment sale. Let us turn your unused farm articles, household articles and antiques into cash for you. If you are considering having an auction, please contact us. We would be pleased to serve your needs.

Not Responsible For Accidents On Premises
Lunch Rights Reserved

PUBLIC AUCTION
ANTIQUE & CLASSIC VEHICLES

The undersigned owner will offer the following private collection of automobiles at public auction on the premises located at 2309 Warfield Drive, ½ mile west of Forest Hill via Jarrettsville Rd. (old Md. Rte. 23); 10 mi. north of I-95 via the Bel Air Exit #4 and Md. Rte. 24; 19 miles southeast of I-83 via the Bel Air Exit #36 at Maryland Line to Md. Rte. 439 and Md. Rte. 23, in the Third Election District of Harford County, Md. on
SATURDAY MAY 29, 1982
at 11:00 AM (EDST)

1930 Model "A" Towne Sedan; 1930 Model "A" Rumble Seat Coupe; 1936 Buick Roadmaster - 4 dr.; 1931 Packard - 8 cyl.; 1932 Chev. - 4 dr.; 1957 T-Bird; 1954 Ford Skyliner; 1958 Cadillac Sedan De Ville; 1965 Mustang Convertible; 1955 Hudson Hornet; 1974 Mustang Mach I 1960 Chev. Nomad Wagon; 1958 MGA Roadster, 1955 Chev. Pick-up; 1957 Ford Convertible

All vehicles are fully or partially restored.

Terms: Cash or approved check.
All vehicles subject to prior sale. Reserves on most vehicles.
INSPECTION: at 9:00 AM on Day of Sale.
Not responsible for accidents on Day of Sale.
Lunch provided.

Owner,
WARREN D. WOLBERT
2309 Warfield Drive
Forest Hill, MD 21050
301-838-2892 or
301-879-1503
Auctioneer:
John H. O'Neill, Forest Hill, Md.

Public Sales Register
Closing Date Monday 5 00 P M of each week s publication

MAY

SAT MAY 22 10 A M Grade Heifer Sale at the New Holland Sales Stables Inc 12 miles East of Lancaster Pa just off Rt 23 New Holland Pa Abe Diffenbach Manager

SAT MAY 22 9 A M Public Sale of Household Goods Antiques Tools and Lawn & Garden Equipment Located ap prox 1 mi north of Stewartstown and 2 10 mi off Rt 24 along Lowe Rd York Co PA Terms by Ida Mae Hersey Robert Sechrist Auc tioneer

SAT MAY 22 9 A M Lebanon Valley Christian School Consignment Sale Located north of Myerstown Sylvan Witmer Auctioneer

SAT MAY 22 Public Sale of Antique Furniture and Personal Property Located along Old Rover Rd just off Rt 724 East side of Gibraltor approx 3 mi west of Birdsboro in Berks Co PA Kathryn Bleacher Owner LeRoy S Horst and Paul W Horst Auctioneers

SAT MAY 22 10 A M Public Sale of Cattle and Farm Machinery Located at Pleasant Mount PA Wayne Co on Rt 670 leading to Honesdale Clyde Etts Owner Nerton L Bunnell Auctioneer

SAT MAY 22 10 A M Public Sale of Antiques Collectibles Taufscheins Indentures and Household Goods Located at N 3rd and Gilbert Sts in Halifax PA 20 mi northeast of Harrisburg PA on Rts 225 and 147 Estate of Velma and Charles Hoover Ed Shopp Auctioneer

SAT MAY 22 Public Sale of Line Equipment and Trucks Located in Atlantic City NJ Vilsmeier Auction Co Inc 215 699 5833

SAT MAY 22 Public Sale of Line Equipment and Trucks Located in Indianapolis Indiana Vilsmeier Auction Co Inc 215 699 5833

SAT MAY 22 12 Noon Public Sale of Real Estate Antiques and Household Goods Located in Grill PA Howard E Hilbrush Exec Green Hills Auction

SAT MAY 22 10 A M Public Sale of Farmette Antiques Farm Equipment and Tractors Located along Rt 501 between Brickerville and Schaefferstown near Boy Scout Camp Heidelberg Twp Lebanon Co PA Irene S Klopp Owner T Glenn and Timothy G Horst Auctioneers

Sat May 22 9 30 A M Public Sale of Goats Fowl Rare Animals Farm Machinery Old Gun and Household Located in Mifflin Co 10 mi west of Burnham PA exit off Rt 322 on Ferguson Valley Rd or 4 mi east of McVeytown PA Arthur Sheaffer Owner Mark Glick Auctioneer

SAT MAY 22 Public Sale of Farm Machinery and Tractors Located in Carlisle PA Merle E and Gene Miller Owners Kings Auction Service Mgrs

SAT MAY 22 9 A M Public Sale of Real Estate Antiques Collectibles Misc items Generator and Coins Located between Berrysburg and Millersburg PA 1 mi south of Rt 25 or T556 Municiple Rd Hannah H Riland Owner Dockey and Dockey Auctioneers

SAT MAY 22 10 A M Public Sale of Real Estate Antiques Household Items and Tools Located off Rt 850 in Marysville turn onto Broad St Estate of Mary E Depugh Carol Burruss Auctioneer

SAT MAY 22 9 A M Public Sale of Farm Equipment Antiques Household Goods and Tools Located at 195 Old Fritztown Rd Sinking Spring Berks Co PA Virginia R Fisher Owner Kenneth P Leiby Auctioneer

SAT MAY 22 9 30 A M Public Sale of Farm Equipment and Household Located near the village of Irishtown PA from Hanover PA take Rt 94 north to Spring Hill Gardens and turn left on road to New Oxford Go to State shed turn left or from Rt 30 in New Oxford go south on Hanover St to State shed and turn right go approx ¼ mi to sale Emma C Laughman Owner Dennis J Plunkert Auctioneer

SAT MAY 22 11 A M Public Sale of Farm Machinery Located ¼ mi northeast of Carlisle on McClure s Gap Rd off Rt 641 at Westminster Cemetary Merle E and Gene Miller Owners Kings Auction Service

SAT MAY 22 9 30 A M Public Sale of Sheep Located at York Fair Grounds 717 757 9657

SAT MAY 22 3 P M Public Sale of Tractors and Trucks and Farm Implements Located at Back Bone Rd Eden MD Somerset Co From Salisbury MD take U S Rt 13 south of Eden MD to Peggy Neck Rd turn left go 2 mi to Back Bone Rd turn left go ¼ mi sale on left Kenneth R Plew Estate Pete Richardson Auctioneer

SAT MAY 22 10 A M Public Sale of Real Estate Farm Antiques Household and Glassware Located taking U S Rt 15 (Business) 7 mi south of Gettysburg PA just after crossing 15 Bypass or 1 mi north of PA MD line turn onto T 329 and continue ¼ mi to sale E Mae Rhodes Owner C David Redding Auctioneer

★PUBLIC AUCTION★

Attention all camps - remodelers - contractors - and general public

HILL SCHOOL, POTTSTOWN, PA

At the corner of Green & High Sts., at the former Pottstown Auto Body Shop! (Refinishing Shop)
10.00 A.M
SATURDAY, MAY 29

This sale contains Buffalo china, Wedgewood china, silver pieces, Iron stone, and much more. Many oak & maple desks & chairs Beds-captain and trundle type, bulletin boards, doors, coat racks Electrical hardware of all types, shades, switches, wire, gauges, plumbing materials, ladders, Bathroom accessories, ovens, stoves, hamburger press, pots, clay pitchers, meat chopper and slicer Plus - 55 Chevy flatbed truck, running and a 66 Buick, good condition.

Anything the Hill School accumulated since its origin will be there. This should be an interesting sale full of unknown surprises!

Lunch Provided - Not Responsible for Accidents.

KEN MOYER
Auctioneer
"Your Specialist in Auctioneering"
1285 Sheephill Rd.
Pottstown, Pa. 19464
(215) 323-7313

Card Farm Dispersal

At Caton, N.Y., 10 mi. from Lawrenceville, Pa. (Tioga Co.) Stay on Rte. 15 to Lindley, N.Y. and follow arrows to farm

THURSDAY, MAY 27th
10 a.m.
Starting on large farm machinery, so come early!!

151 good productive Holsteins (130 cows-21 young hfrs), 3 Diesel tractors including Same 4-wheel-drive "Tiger 6-105" & JD 4-wh-dr "4430", both show-pieces, and conventional JD "4000" Hesston "2100" chopper w/p u and 2-row adj. 30 to 36" corn heads & "5800 Rounder" baler NH 268 kicker-baler. JD "7000" platless planter (4-row), 18' field cultivator & 12' cultipacker (both new last yr !), 12' Case trans disc 2 excellent JD "1275 tandem" wagons (1 dump w/roof) Sta-Rite "Double Four" milking parlor, Sunset 1250 gal bulk tank, big milker pump and much more!! Trojan 4-wheel-drive "134" loader 200 A farm (175 tillable w/good bldgs for sale, also) Everything goes-no reserve!!!

MR. & MRS. DAMON CARD, JR.
Owners
For info or sale list mailed you contact
Rumsey's of Bath, N.Y.
(607-776-3478).

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT MAY 22 9 A M Public Sale of Construction Equipment and Supplies Located on Park Rd ½ mi south of Winfield, PA, 1 mi west of Rt 15, 60 mi north of Harrisburg Gerald and Gloria Cresswell, Owners Neil S Moyer, Auctioneer

SAT MAY 22 7 P M Public Sale of Cattle Located 7 mi south of Carlisle, PA on Rt 11 or 3¼ mi north off I 81 at Newville Interchange on Rt 11 then 2 mi east on Stone House Rd Lewis R Fink, Owner Robert C Mullendore, Auctioneer

SAT MAY 22 8 30 A M Public Sale of Garage Equipment, Tools and Auto Accessories Located at rear of 132 Broad St, Salunga, PA Wetzel's Garage Owners Harold Shaffner and Clyde Wolgemuth, Auct

SAT MAY 22 10 A M Public Sale of Real Estate and Personal Property Located in Joanna Morgantown, RD 1, From Rt 10 take Joanna Rd to Elverson Rd, turn right to property John J and Sara Stoltzfus Owner Elton and Alvin Horning Auctioneers

SAT MAY 22 9 30 A M Public Sale of Farm Equipment, Orchard Equipment, Snowmobile Tools and Etc Located 1 mi north of Mont Alto, Franklin Co, PA, or 1 mi south of Pond Bank, short distance east off Rt 997 along Leedy Station Rd, from Rt 30 follow Rt 997 south thru Pond Bank, from Waynesboro follow Rt 997 north, watch for sign at Leedy Station Rd White Rock Orchard and Farm, Owner Ralph W Horst, Auctioneer

SAT MAY 22 11 A M Public Sale of Woodstoves and Misc Located at 2535 North Seventh St, Harrisburg, PA Schraeder Woodstoves, Inc, Owners Kerry Pae Auctioneers

SAT MAY 22 10 A M Public Sale of Tractors and Misc Located at 5302 Woodville Rd ½ mi off of Rt 144, midway between New Market and Mt Airy, MD Paul's Tractor Sales, Owner Edgar A Bohrer Auct

SAT MAY 22 12 30 P M Public Sale of Farm Machinery Located 10 mi west of Mifflinburg on Rt 45, go to Rt 235, 1 mi to Laurelton, turn east at Post Office, 1 mi to farm at cemetary Dept of General Services Owner Clay C Hess and Richard J Moyer, Auctioneers

SAT MAY 22 10 A M Public Sale of Cattle Located on Prospect Hill Rd, Pine Plains, NY DeLaval Research Farm Delos D Luther, Auctioneer

SAT MAY 22 10 A M Public Sale of Antiques Mobile Home, Wagon, Tractor Guns and Coins Located 1 mi south of Rt 100 and 23 intersection, turn left on Pughtown Rd and watch for signs in Chester Co George Page, Owner Ken Moyer, Auctioneer

SAT MAY 22 11 A M Public Sale of Dishes, Antiques and Lawn Tractor Located south of Little Britain Elementary School from Rt 272 to Little Britain Rd onto Brabsch Rd, Little Britain Twp, 8 mi southwest of Oxford on Rt 272 Owen H and Edna A Groff, Owners J Everett Kreider Auct

SAT MAY 22 10 A M Public Sale of Farm Equipment and Household Items Located from Rt 322, between Hummelstown and Hershey Med Ctr, go south on Bullfrog Valley Rd, past the Alpine to dead end, left onto Roush Rd, right onto Sand Hill Rd, left to 101 Nye Rd Estate of Nancy L Nye Ralph R Wenrich, Auctioneer

SAT MAY 22 12 30 P M Public Sale of Tractors and Misc Located off PA Turnpike exit 10, 15 mi south of Somerset on Rt 281 to Kingwood, PA Dick Knepper, Owner Luce and Stahl Auctioneers

PUBLIC SALE

SATURDAY, MAY 29
10:00 A.M.
Selling at the Newport High School, Perry Co., PA.

1967 Ford F100 Pickup - Not Inspected-Running (Needs work); Gravely 2-wheel Tractor with Snow Blower, Approx 380 Combination Desk-chairs, Approx 150 Combination Desk-chairs with formica tops; Several Teacher Desks; Ping-Pong Table, Art Room Tables; Wall Lockers, 4 Water Coolers; 12 Lab Stools, Shower Stalls & Pedestal Showers, Fluorescent Lights; Shop Vac; 18 Oak Doors (Used), Floor Scrubber; Sheet Metal Bender; Speedy Melting Foundery, Step Ladders; Commercial-size Garbage Disposal-Good Cond.; 4 Drafting Tables; Some File Cabinets; 12 Soda Acid Fire Extinguishers; Work Tables of all kinds; S.S. Sink; Air Circulator; Air Compressor without Motor; 13 Sheets Used Masonite; Commercial Food Mixer; Cafeteria Gas Grill; Metal Roller; Metal Windows; 6 Sets Classroom Curtains; Some old Wooden Chair-Desk Combinations.

(MANY MORE MISC ITEMS TOO NUMEROUS TO MENTION).

I.D. Required for Bidder's No.; Cash or Traveler's Checks Only; Not Responsible for Accidents.

NEWPORT SCHOOL DISTRICT
Owners
Newport, Pa.

SALE BY: KLING'S AUCTION SERVICE
Landisburg, Pa.

AUCTION

OF THE HOLCOMB HOUSE
WEST MAIN STREET, TROY, PA

SATURDAY, JUNE 19
at 1:00 P.M.
Inspection of Property Sunday, June 6, 1982 from 2 to 6 P.M. NO CHILDREN PLEASE!

This house was built in the late 1880's and contains 16 rooms along with the butler's pantry, kitchen pantry, 3 bathrooms and 10 clothes presses The construction of this fine home is of the finest quality stone, carved wood, leaded windows and many fireplaces Gas heat and very reasonable taxes You must inspect this property to appreciate This property has a lot of possibilities for private residence, restaurant, antique shop, etc , etc

Condition of sale: 10% down at time of sale, balance upon delivery of clear deed. The owner reserves the right to reject any and all bids. The owner will hold mortgage for the qualified buyer at 14%.

For further information contact the auctioneers
Bob, Chuck & Rich Roan, Inc.
Licensed & Bonded Auctioneers
Box 118 R.D. #3
Cogan Station, Pa 17728
Phone 717-494-0170

PUBLIC NURSERY AUCTION
Spring Sale

"HELLO NURSERY"
FRIDAY EVENING, MAY 28
at 5:00 P.M.

To be offered for sale on the premises from Lancaster, Pa. take Norman Wood Bridge Rd. to Route #74 North to the Brogue, Left on Muddy Creek Forks Rd. proceed approx. 6 miles to Nursery Farm on left. Situated in Fawn Township, New Park, Southern York Co. Pa. signs posted.

NURSERY STOCK

Holly's; large spruce trees; Fruit trees; Shade trees, ornamental evergreens; hardy azaleas and rhododendrons of all sizes, majority of plants will be in containers or will be balled and burlapped and ready for pickup day of auction. Also wide assortment of bedding plants vegetable and flowering in market packes etc. Flowering 10" mixed potted plants for memorial day Hanging baskets with fuschia's and other plants. Majority of plants & shrubs will be sold by the piece. Hauling available. All items sold as is Not responsible for accidents. Food Available.

TERMS: CASH.

By order of:
HELLO NURSERY
New Park, Pa.
(717) 382-4814

Auctioneers
Charles W. Shrodes
David W. Shrodes
Ph: (301) 692-5667, 836-1578

PUBLIC SALE

of Antiques, Household Goods & Tools
TUESDAY EVE., MAY 25
At 5:00
Fine Antiques & Household Goods
WEDNESDAY, MAY 26
at 9:00

Located at 357 N. West End Ave., Lancaster, Pa. between W. Walnut St. & Buchanan Ave.

TUESDAY EVENING, MAY 25

Appliances: Kelv. refrig., Maytag wringer washer & tub, Electrolux vac. & window fan. Antiques & everyday glassware & china; pots & pans; cooking utensils; old kid's books & games & other books & postcards; rugs; old bedding & linens; planters & canning jars; hand & garden tools; misc. hardware etc.

WEDNESDAY, MAY 26

Windsor comb back arm chair & 2 bow back arm chairs. Good furn. in walnut, oak, bamboo, mahg., pine, Empire, wicker, uph. & metal. Lg. oak frame w/signed watercolor, oak & gilted frame w/reverse painting on glass, other frames. Floor & dresser lights. 2 New Haven dresser & Seth Thomas mantel clocks. Crockery; slippware; agate; pewter; sterling & silverplate; old flatware. Articles in bronze, iron, brass, toleware, tin, wood etc. Baskets; beaded pocketbooks & old combs; 2 china dinner sets. Fr. Limoges signed pitcher & other fine glassware & china in German, ironstone, deco. ironstone, Doulton, Bavaria, copper luster, Waterford crystal, Nippon, Noritake, colonial, pressed, cut, blown, gold band, Buffalo, amethyst, silver overlay, mach. etched, milk glass, Jap., Fiesta & Roseville. Other articles not listed NO OUT OF STATE CHECKS ACCEPTED. Food served

Sale by,
MRS. U. GRANT BARR

Hartman, Underhill & Brubaker, Attys.
Howard Shaub, Auctioneer
464-3541
and Roy C. Probst

ABSOLUTE AUCTION

123 AC OLEY VALLEY FARM
STONE FARMHOUSE GARAGE BARN SHED
Covered Bridge Road Oley Twp Berks Co Offered in 3 Parcels Combinations or Entirety

SATURDAY, JUNE 5 - 1 P.M.

Parcel A 14+ Acres *A fine 18th Century pointed stone Farmhouse* authentically restored The many carefully preserved architectural details of the home include chair rails original wide pine floors open beams paned windows & early hardware throughout Featuring wide center hall double livingroom corner fireplaces built in cupboards Master Bedroom Suite w/Bath 2 Bedrms & Bath Full Basement w/panelled Den & walk in Fireplace Workshop Cold Cellar Laundry Rm Large Stone Patio & Side Porch 2 car storage Garage stone Bank Barn Wagon Shed w/corn cribs House & outbuildings all in excellent condition

Parcel B 11 Acres **Parcel C** 98+ Acres The Tillable cultivated fields are well drained & gently sloping The soil is the highly fertile & excellent farmland for which the Oley Valley is renowned AN IDEAL HORSE FARM

OPEN HOUSE SUNDAY MAY 23 2 4 PM MONDAY MAY 24 7 9 PM

TERMS 15% Deposit Settlement within 60 Days ABSOLUTE No minimum or starting price Broker participation Invited

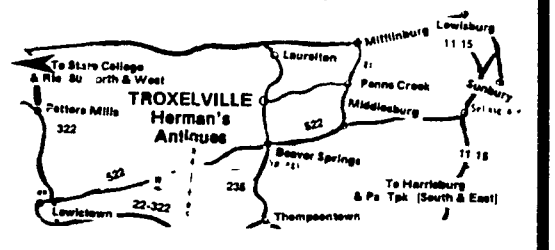
SALE LOCATION On the premises From Rt 422 Douglassville go North on Rt 662 to intersection of Rt 562 Cross over 562 bear Right onto Covered Bridge Rd go ¹ mi to property on right

For Info/Brochure Call

GEYER-GIRVIN AUCTION Co. Inc.
661 West Germantown Pike Plymouth Meeting, Pa 19462
215/631-5333 (Pottstown) 326-3856
MEMBER NATIONAL AUCTIONEERS ASSOCIATION

2 DAY ANTIQUE AUCTION

To be held at Troxelville Antiques, Troxelville, Pa.
(Located on Map Below)



MEMORIAL DAY
MONDAY, MAY 31
AT 9:00 A.M.
ANTIQUE PRIMITIVES

Wall Cupboards; Corner Cupboards; 12 Pane Cupboards; Low & High Dry Sinks; Jelly Cupboards; Blanket Chests; Farm Tables; Drop Leaf Tables; One & Two Drawer Night Stands; Wood Boxes; Wash Stands; School Masters Desk, Broom Machine; Medicine Cabinets; Hanging Cupboard; Copper Applebutter Kettle; Copper Wash Boiler; Butter Churns; Spinning Wheels; Flax Wheels; Rope Beds; Plank Bottom Chairs & Rockers; New Imported Rugs; Clocks of All Kinds; Tin Toys; Uncle Sam Bank; Bisque Dolls; Decorated Crocks; Harrisburg; 75 Other Crocks & Jugs Some Signed; Scales; Picture Album; Picture Frames; Gone w/Wind Lamp; Kerosene Lamps; Cylinder Record Player, As Is; Hanging Lights & Dome Tiffany Type Lamps; Sponge Ware, Bennington ware; Graniteware; Cherry Seeder; Flat Irons, Spool Cabinets; Tin Advertising Signs & Cans; Cut Glass; Press Glass; R.S Prussia Ice Tongs; Broad Ax; Spool Cabinets, Dough Boxes, Wash Bowl & Pitcher Sets; 50 Quilts; Lot of Iron Toys — One Large w/3 Horses & One w/2 Horses pulling; 100's of Items Not Mentioned We Will Be Trucking In Until Day of Sale.

TUESDAY, JUNE 1
AT 10:00 A.M.
ANTIQUE FURNITURE

Oak-Washstands; Dressers; Beds; Chest of Drawers; Plain & Claw Foot Round & Square Tables; Round and Flat Trunks; Clothes Trees, Lots Of Odd Chairs & Sets of Chairs; Side-Boards; Tea Carts; Stands; Sewing Machines; China Closets; Bedroom Suites; 1930's Dining Room Suites; High Chairs; Kitchen Cabinets; Love Seat Sets; Brass Beds; Iron Beds; Hall Reaks; Rockers; Roll Top Desks; Flat Top Desk; Larkens Desks; Ladies Desks; Round & Square Stands; Leaded Windows; Couches; Washstands; Dressers, Chests of Drawers; Beds; Bedroom Suites of All Kinds; Sectional Book Cases; Ice Boxes, Floor Lights; Wicker Furniture, From 1-20 Pieces of Each Item

Owner,
JOE HERMAN
Phone (717) 658-7141

AUCTIONEERS: Wayne Hess, Earl Eash
TERMS: Cash, Traveler's Checks Or Certified Checks
Sale Held Indoors, Chairs Furnished
Lunch Served

DAIRY SALE

FRIDAY, MAY 28
7:30 P.M.

Penns Valley Livestock Auction
Centre Hall, Pa.

(At the intersection of
Rt. 45 & 144)

- **Bulls**
- **Cows**
- **Open & Bred Heifers**
- **Springers**

Health Charts Furnished

Ron Gilligan, Auctioneer

★ ★ **NOTICE** ★ ★

Dairy Sale Held Every
Fourth Friday of the Month

For More Information Call
(814) 364-9096

Public Sales Register

Closing Date Monday 5 00 P M of each week s publication

SUN MAY 23 1 30 P M Public Sale of Coins Located at Bel Air Auction Galleries Inc 13 Ellen dale St Harf Co Bel Air MD 21014 William H Amoss Auctioneer

MON MAY 24 10 A M Public Sale of Antiques and Collectibles Located at Rt 209 Zerbe Newtown PA Exit 34 off I 81 Francis Schultz Auc tioneer

TUES and WED MAY 25 and 26 Public Sale of Line Equipment and Elec and Mech Materials Located in Seneca Illinois Vilsmeier Auction Co Inc 215 699 5833

TUES May 25 5 30 P M Farmersville Auction In Farmersville 3 mi East of Brownstown Lancaster County Pa John J Rutt Auctioneer

TUES MAY 25 and WED MAY 26 5 00 Tues and 9 00 Wed Public Sale of Antiques Household Goods Tools and Fine An tiques Located at 357 N West End Ave Lan caster PA between W Walnut St and Buchanan Ave Mrs U Grant Barr Owner Howard Shaub and Roy D Probst Auc tioneers

TUES MAY 25 9 A M Public Sale of Hospital Equipment Restaurant Equipment Laundry Equipment and General Items Located at Locust Mt State Hospital off Rt 924 Shenandoah Heights Area Dept of General Services Owner John and John Jr Autotore Auctioneers

WED MAY 26 7 P M Public Sale of Antiques and Collectibles Located on the premises of Stephenson Auction Gallery 1005 Industrial Boulevard Southampton PA just off Huntingdon Pike Rt 232 Estate of Weber Criton plus others Richard W Stephenson Auctioneer

WED MAY 26 5 P M Public Sale of Contractors Tools and Equipment Chevette Trailer and Misc Office Equipment Located at 665 Harlesyville Pike Rt 113 Franconia 2 mi north of Harleysville PA Sanford A Alderfer Inc Auc tioneers

WED MAY 26 9 A M Public Sale of Lumber Groceries New Tools and Hardware Located at 111 N Maple Ave Leola PA David H Good

THURS MAY 27 7 P M Public Sale of 42 6/10 Acre Farm Located along Bicknell Rd ¾ mi west of Wakefield 22 mi south of Lancaster PA Fulton Twp Terms by William and Patricia Skiles J Everett Kreider Auc tioneer

THURS MAY 27 9 30 A M Public Sale of Anti ques Located at the Skip pack Firehouse Rt 113 ¼ mi south of Rt 73 Skippack PA Roy God shall Collection Sanford A Alderfer Inc Auc tioneers

THURS AND FRI MAY 27 and 28 9 A M Public Sale of Farm Equipment Located 6 mi south of Chambersburg PA 1 mi east of Marion just east of Off Int 81 at Marion Exit along Rt 914 Ralph W Horst Manager

THURS MAY 27 5 P M Public Sale of Antique Engines Tools and Per sonal Property Located take Hallam exit of Rt 30 Bypass to Rt 462 pro ceed east on Rt 462 2 blocks to Claire Ave Alverta Taylor Owner Frederick Toomey Auc tioneer

THURS MAY 27 10 A M Public Sale of Farm Machinery and Cattle Located at Caton NY 10 mi from Lawrenceville PA Tioga Co Mr and Mrs Damon Card Jr Owners Rumsey's Sales

THURS MAY 27 6 30 P M 5 425 Acre Farmette at Auction located approximately 2 miles southeast of Aspers along Aspers Centermill Rd (Look for signs) For Detailed brochure call or write John B Niesley Broker Auctioneer 32 W High Street Carlisle Pa 17013 717 249 8787

FRI MAY 28 7 30 P M Public Sale of Cattle Located at Penns Valley Livestock Auction Centre Hall PA

FRI MAY 28 7 30 P M Public Dairy Sale Located at Penns Valley Livestock Auction Centre Hall PA 814 364 9096

FRI MAY 28 1 30 P M Public Sale of Pigs Located at Westminster Livestock Auction Westminster MD

FRI MAY 28 10 A M Public Sale of Tractors Combine Farm Machinery Pickup Buggy Sleigh and Tools Located at Branch Rd and Schwenk Mill Rd Hilltown Twp Bucks Co Perkasie PA Estate of R William S and Charles S Nase Sanford A Alderfer Inc Auctioneers

FRI MAY 28 10 A M Public Sale of Equipment Located at McMinn s asphalt plant on Rt 72 approx 1 to 2 mi north of East Petersburg approx 8 to 10 mi north of Lan caster PA McMinns Asphalt Co and B F Asher Co Owners Vilsmeir Auction Co Inc

FRI MAY 28 5 P M Public Sale of Nursery Stock Located from Lan caster take Norman Wood Bridge Rd to Rt 74 north of the Brogue left on Muddy Creek Forks Rd proceed approx 6 mi to Nursery Farm on left situated in Fawn Twp New Park Southern York Co PA Hello Nursery Owner Charles W and David W Shrodes Auc tioneers

FEATURING FIRST AND THIRD MONDAY EACH MONTH

GRADED FEEDER PIG SALE

1:30 p.m. Sharp!

Telephone 302-734-2016 or 284-4541
Tele-O-Auction - 302-284-4912

- Tele-O-Auction - Bid over the telephone
- Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles South of Dover, Delaware.
- Quick Service - Load & Unload.
- No Dealer pigs.
- Pigs received after 7 a.m. until 11 a.m
- Consignors - Paid day of sale.
- Veterinarian inspection on premises - Dr Towers.
- State Graded.
- Pseudorabies Free State.

Auctioneers-Harry Barrett - Chester Lee Carroll

AUCTIONS OF ALL TYPES

GIGANTIC FARM INDUSTRIAL MACHINERY AUCTION

Taylor Implements, Watertown NY

SATURDAY, MAY 29

10:30 AM Sharp

Located 70 miles north of Syracuse in the city of Watertown, use Route 81 until exit 46, follow arrows to auction. Note auction will be held at Watertown fairgrounds. Arrows, Lunch.

15 FARM TRACTORS 15

White 2-105 diesel 8 spd. 540, 1000 rpms, w/front and rear weights with only 1100 hours, IH 656 Diesel hydrostatic with complete engine overhaul, IH 674 gas only 1400 hrs., MF 165 D wfe, with almost new allied hydraulic motor, IH 464 D8 spd, power steering in nice shape, IH 364 D 8 spd, IH 424 gas, IH 340 D Ford Delta D w/new brakes, IH C w/hyd. blade, chains pto pulley, 2 btm. plow, 7 ft. disc and 7 ft. cutter bar mower. Garden tractors to include 1974 IH Cub cadet 70, 7 hp w/38" motor, IH Cub Cadet 12 hp 3 spd, gear drive 48" mower, Look: Demonstrator 1981 Suzie tractor, 4 wd water cooled, German diesel w/Mowhawk rotary cutter.

NEW FARM MACHINERY

IH 1190 nine ft. haybine, IH 35 9' hay rake w/rubber coated paint, IH 56 short hop mower, IH 10' flail chopper, 3 new Kickaracks, on all New IH equipment there will be money rebates, from International Harvester. The following new machines have been slightly used as demonstrators. IH 425 baler w/15 bale thrower, Mengele picker grinder 3 pt. hitch, manual controls, IH 435 baler w/#15 bale thrower, IH 720 2 row corn chopper, 12 knives, electric controls hydraulic sharpener, IH 370 14' transport disc, Great Bend hyd. loader w/72" bucket, Fox 6½ ft. hay head.

USED FARM EQUIPMENT

IH 815 self propelled hydrostatic combine w/6-R narrow corn head and 13'6" grain head w/new V-8 345 engine, 150 bu. capacity, MF 88 6 btm. plow trip beam semi-mtd. w/cover boards, MF 88 6 btm. plow trip, KNeveland 3 pt. 4 btm. 14" plow, Lilliston 4 row cultivator, AC 16' transport disc, JD KBA 10 ft. transport disc, IH 5500 7 ft. chisel plow, NI 9 ft. haybine, 2 MF 81 nine ft. cut haybine, IH 440 baler #10 kicker, IH 55 baler, IH 417 baler w/#10 kicker, NI hayrake, Owatonna 800 self propelled 10' cut windrower w/new engine, 3 IHN 650 650 2 row chopper w/electric control, IN 56 short hop blower, Kasten 3 beater self unloading wagon with roof, Lamco Suw w/roof, Decker Suw w/roof, Decker Suw, Spreaders: 1980 IH 530 w/hyd. endgate and pan, JD 40 175 bu. w/new apron, IH 540 185 bu w/hydraulic endgate, IH 540 185 bu. w/hyd. endgate and pan, Loaders: Arrps hyd. w/2 buckets, IH 2001 w/snow, manure, and tine cover, Super 6 w/manure fork, snowbucket, IH 50 snow blower, 50" cut.

INDUSTRIAL EQUIPMENT AND TRUCKS

IH TD 15 crawler power shift, hyd. tilt in excellent condition, IH TD 8 3 yrs., old power shift, 6 way blade, canopy, w/only 1650 hrs. IH 280 backhoe, B358, 97 hp. full power shift, 3 spd. 3 forward, 2 reverse, IH 3141 backhoe w/IH 3514 loader, D-188 four cylinder standard with forward and reverse. IH 500D crawler, 6 way blade, 50 hp. power shift, IH 340 crawler diesel, 6 way blade, differential overhaul, JD 350 gas crawler, hyd. blade, new clutch, 1 axle general trailer, 3-5 ton capacity w/fold up ramp. Trucks: 1971 Dodge 10' dump box, 900 rubber w/60,000 orginial miles, special 1975 IH F-4270 conventional tractor w/sleeper box 318 Detroit, 13 spd., power steering, airconditioning wet line, w/1971 Hill 28' aluminum dump trailer.

Owner

TAYLOR IMPLEMENTS

Note: Jack says "This will not be a typical machinery dealer auction, everything sells at this auction to the highest bidder without reserve."

Terms: Cash or Good check

Out of State buyers must have certified checks or bank letter or credit. No exceptions.

Alex Lyon and Son, Sales managers and auctioneers.
Syracuse, NY
315-637-8912
Bridgeport, NY
315-633-2944

ESTATE AUCTION

SATURDAY, MAY 29

AT 10:00 A M.

1 mile north of Augustaville; 3 miles south of Sunbury along Route 890 on Rockfellow Township, Northumberland County, Pa. Pa.

12 ACRE FARMETTE
(more or less)
8-ROOM FRAME DWELLING
EFM OIL BURNER, USED 2 SEASONS
BATH, PATIO
2-CAR GARAGE
BANK-TYPE BARN

Little Shamokin Creek crosses this property Frontage on Rt 890 A country property ideal to raise your own animals and to have a roadside market Plan now to check this lovely country home and be prepared to bid and buy at the auction!

FOR INSPECTION CALL: (717) 286-4300.

TERMS: 10% down, further terms and conditions to be announced when real estate is offered at 1:00 P.M.

ANTIQUES & COLLECTIBLES

Iron Butcher Kettle, Oak Sideboard, Victorian Settee, Rocker & (2) Chairs, Piano Stool w/Claw Feet, 3-Pc Oak Bedroom Suite, Oak High Back Chairs, Fainting Lounge, Walnut Settee, Washstand & Vanity, Iron Crib, Oak Stands, Crocks, Jugs, Lanterns, Baskets, Wooden Butter Churn, Copper Teakettle, Beam Scale, Shoe Last, Old Philco Radio, Gas Light, Coal Buckets, Quilt Frame, Dishes Including Pressed & Pattern Glass, Depression & German China, Other Items Not Listed

1950 4-DOOR CHEVROLET (one owner) SEDAN

OTHER PERSONAL PROPERTY

Wards Chest-Type Freezer, like new, 30" Kenmore Range, Kenmore Automatic Washer, Frigidaire Dishwasher with Butcher Block Top, Frigidaire Refrigerator, Maytag Wringer Washer, Dinette Set, Portable Fans, Singer Electric Sewing Machine, RCA Console Color TV 3-Pc Living Room Suite, 6-Pc Bedroom Suite, Radio/Record Player, Occasional Chairs, Lamps, Luggage, Dishes, Cooking Utensils Including Lot Guardian Service, Bedding, Linens, Avon Bottles, Jars, Inside Window Shutters, Picnic Table, Garden Tractor w/Wisconsin Engine Rotary Mower, Etc

FARM EQUIPMENT- Including 2-Row Corn Planter, York 9-Hoe Grain Drill, Reaper, Stepladder Corn Sheller, Chicken Feeders Grinder Forks, Shovels, Etc

ESTATE OF STELLA E. WOLFE
Evelyn M Tobias Clarence Wolfe &
Harold R Wolfe Co-Executors

Lunch Available

DIEBERT

George & Mike
Auctioneer
(717) 425 3313

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT MAY 29 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522 3 miles East of Middleburg 5 miles West of Selinsgrove, Pa Don & Walt Keister Owners Ray Long & Dave Imes Auctioneers

SAT MAY 29 10 A M Public Sale of Antiques, Collectibles and Personal Property Located 1 mi north of Augustaville, 3 mi south of Sunbury along Rt, 890 in Rockfellow Twp, Northumberland Co, PA Estate of Stella E Wolfe, George and Mike Deibert Auctioneers

SAT MAY 29 9 A M Public Sale of Antiques Household Goods, Butcher Equipment Guns, Coins, Farm Related Items and Car Located at R D 2, Annville Lebanon County, PA along the Water Works to Ono Rd ¼ mi south of McGillstown from Annville take Rt 934 north and then right onto Waterworks Rd to property on left Mr and Mrs John Moyer, Owners Harry H Bachman Auctioneer

SAT MAY 29 10 A M Public Sale of Misc Items Located at Newport High School, Newport PA, Perry Co Newport School District, Owners Kling's Auction Service

SAT MAY 29 10 A M Public Sale of Farm Machinery Located along Clemsonville Rd, just off of Rt 26 at Unionville midway between Libertytown and Taylorsville, Frederick Co, MD Mr and Mrs Harry H Dulany Owners Trout Auctioneers

SAT MAY 29 9 30 A M Public Sale of Farm Machinery Household Goods, Antiques Farm Tools Boat, Dishes, Glassware and Misc Items Located turn off of I 83 expressway Shrewsbury at exit 1 onto Rt 851 East, proceed to Ridge Rd turn left first farm on left in Southern York Co, PA Mr and Mrs Earl W Killian, Owner Charles W and David W Shrodes, Auctioneers

SAT MAY 29 11 A M Public Sale of Antique and Classic Vehicles Located at 2309 Warfield Dr, ½ mi west of Forest Hill via Jarrettsville Rd Old MD Rt 23, 10 mi north of I 95 via the Bel Air exit #4 and MD Rt 24, 19 mi southeast of I 83 via the Bel Air exit #36 at MD line to Rt 439 and Rt 23 in the Third Election District of Harford Co MD Warren D Wolbert, Owner John H O'Neill, Auctioneer

SAT MAY 29 10 A M Public Sale of Misc Located at the corner of Green and High Sts, at the former Pottstown Auto Body Shop Hill School Ken Moyer, Auctioneer

SAT MAY 29 12 30 P M Public Sale of Cattle Located at the Cortland Sales Pavilion on Rt 41 just off I 81 exit 10 toward McGraw, 1 mi east of Cortland L S Riford, Jr, Owner Merryman Company and Edward J Townsend

SAT MAY 29 10 A M Public Sale of Antique Cars, Carriages, Farm Machinery and Household Located just outside Branchville, NJ on Mattison Rd Mr and Mrs Pat Berham, Owners Castner Estate Service, Inc

MON MAY 31 9 00 A M Antiques Farmersville Auction In Farmersville 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneer

MON MAY 31 8 30 A M Public Sale of Antiques Located at 400 W King St in the borough of East Berlin, Adams Co PA Sarah C Leas Estate Clair R Slaybaugh, Auctioneer

MON MAY 31 9 30 A M Public Sale of Tractors and Etc Located from I 81 south of Martinsburg WV take exit #5 Inwood WV, Rt 51 east approx 3½ mi to Larry's Market formerly Haines' turn right 2 of a mi to sale or from Charles Town WV, take Rt 51 west, go approx 8 mi to Larry's Market turn left, 2 of a mi to sale Edgar A Bohrer, Sale Mgr

MON MAY 31 9 A M and TUES JUNE 1 10 A M Public Sale of Antique Primitives and Antique Furniture Located at Troxelville Antiques, Troxelville PA Joe Herman Owner Wayne Hess and Earl Eash, Auctioneers

PUBLIC SALE

TWO GENERATIONS OF UNTOUCHED, EXQUISITE ANTIQUES
SARAH C. LEAS ESTATE
MONDAY, MAY 31 - at 8:30 A.M. SHARP!

The undersigned executor, of the above mentioned estate, will offer the following antiques, the contents of a 14 room house, at Public Sale located at 400 West King Street in the borough of East Berlin, Adams County, Pennsylvania.

ANTIQUES

Very nice walnut Chippendale, straight end chest of drawers, 3 over 2 over 4 overlap drawers, two with secret locks, reed quarter column and ogee feet; Adams Rose Bowl 10"x5" high, perfect with four full-dressed Dutch girls in interior part of bowl; Rebecca at the Well teapot; 7-piece light oak grain Victorian bedroom suite with teardrop pulls, rocker and straight chairs; 6-piece grain and decorated Victorial bedroom suite with white marble top washstand and vanity with teardrop pulls; 2 6-piece oak bedroom suites with hand carved highback beds, carving is exceptional; Rope bed, original oak, nice grain; Empire butler's desk, dovetailed curly maple interior; Nice grain Empire chest of drawers; Oak clawfoot extension table; 3 Walnut dropleaf tables, 1 48" with 22" leaves and 2 with 6-leg; Oak floor hall rack; 2 Blanket chests, 1 a small dovetailed with till and 1 pine dovetailed with turnip feet; 10-piece Oak dining room suite with round top table and beautiful carved buffet; Rolltop "S" roll writing desk with 14 drawers, nice interior; Oak 5-shelf china closet, bow end, glass sides and dooors; Walnut frame oval stand with marble top; 2-piece pine corner cupboard, 2 doors, 12 panes, blind shelf and pewter shelf; Nice oak grain dry sink, dovetailed; Jelly cupboard, straight end, dovetailed; Oak combination bookcase and writing desk; Trundle bed; Stroller folding high chair; Corner chair; Carpet chair; Other rockers and straight chairs; Walnut shaving and comb case; 4 Trunks; Wall couch; Ladies very old Princess bikes (2); Towel and blanket racks, Wicker porch swing, Flax yarn reel, Spinning wheel, fine condition; 3/4 size oak bed, J.C Brown shelf clock, ogee frame; Chime mantle clock; Pillar mantle clock with horseman; Oak 8-day shelf clock with bell; Brass clothes tree; Dressing table, Nice grained doughtray; Nice Victor victrola and records; 5-piece parlor suite with large and small loveseats; 6 decorated cane seat chairs with rocker to match; 6 Bootjack plank bottom chairs, decorated; Martha Washington sewing stand; Large copper kettle; Cabinet radio; Wood measures; Press back rocker; Spindle back plank seat arm chair; 1 drawer night stand; Wicker ladies chair with stand; Paper racks and hat racks with buttons; Hall bannister lamp; Railroad lanterns; Bristol vases; baskets; 2 Washbowl and pitcher sets, 1 11-piece with blue band and 1 8-piece with flowers; 14 very nice quilts; 4 coverlets, two dated, one 1843 Jacob C. Schriver red, white and blue, and one 1869 red, green and white; Buggy robes; Oriental table cloth; Counterpanes; Much homespun linen; 12-hole candle mold; 2 Brown soft paste cuspidors; Stereoscope and pictures; Dictionary stand; Powder horns; Rugs; Many lamps including: Tiffany-type glass table lamp, Rayo lamp, stem oil lamp, etc.; Turkey head teapot; Snake spout teapot; Pewter top coffee mill; Nice butter print, carved; Tin toys; Decorated Dutch bread tray; Many fans; Flat irons; Many nice picture frames, including gold leaf, deep well and many sizes; Victorian wall mirror; Milk glass dresser sets; Brass flower pots; Many dated jars; Milk bottles; 5 pieces 1893 souvenir glass, ruby; Soft paste bowl; Redware; 90 pieces of Haviland, Bavarian and Austrian china; 24 pieces Limogee china; 6-piece set Kilanese Haviland china with Dutch girls; Bavarian Martha Washington plate; Leeds cups and saucers; Demitase cup and saucer; Swan cover milk glass dish with lattice; Ironstone teapot; Small lattice dishes; Blue swirl glass syrup; 3 soft paste soup plates; Oriental china; Flint, cut and pressed glass; Brass kettle, 3-piece Milk glass table tea set, "Our Daily Bread" plate; Gold edge goblets; Tea leaf china; Ironstone china; Willowware; Candle holders; Pewter items; Turrines; Many badges, some political; U.S. and Pennsylvania wall maps; Many books, posters, ledgers, calendars, sheet music and advertising items and newspapers dating late 1800's to early 1900's

AUCTIONEER'S NOTE The above listing is a part of thousands of items that date to the 1800's All items are in excellent condition being well cared for by two generations of the same family in the same home

TERMS: Cash, Certified, Travelers or Personal checks with approved identification.

ROMAINE S. MYERS, Executor
East Berlin, PA

CLAIR R SLAYBAUGH, Auctioneer
Idaville, PA Phone: 717/677-7479
JOHN CARL FOSTER, Attorney

AUCTION SALE

FRIDAY, MAY 28
10 A.M.

FOR: McMINN'S ASPHALT Co. & B.F. ASHER CO., to be held at McMinn's Asphalt plant on Rt. 72, approx. 1 to 2 mi. north of East Petersburg, approx. 8 to 10 mi. north of Lancaster, Pa. EVERYTHING SELLS TO THE HIGHEST BIDDER.

Little Giant Hyd Excavator (* SUBJECT), JD tractor loader backhoe, Terex & Davis rubber tired loaders, Galion motor grader; Blaw-Knox paver, Blaw-Knox paver (* SUBJECT), Barber Greene & Cedarapids pavers, Paving machine, Rollers, Etnyre asphalt distr., tank tk, spreader, sweeper, farm tractor, concrete mixer tk., stake & misc. tks., (3) '71 Ford LT900 alum dump tks, dump tks, tk. tractor, cab & chassis, lowboys, field service trailer, & contractors tools, etc.

TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY. Write or call for descriptive brochure:

VILSMEIER AUCTION CO., INC.

Route 309, Montgomeryville, Pa. 18936
Telephone: (215) 699-5833

PUBLIC SALE

OF LUMBER & GROCERIES, NEW TOOLS & HARDWARE
AT GOODS AUCTION
111 North Maple Ave., Leola, Pa.

WEDNESDAY, MAY 26, 1982
Starting at 9 o'clock

LOAD OF GROCERIES, 50 CASES PINEAPPLES, TON OF CHEESE, GALLONS OF PEACHES JAMS - JELLIES - HONEY

TRUCKLOAD OF NEW TOOLS, ALSO LOAD OF USED TOOLS & HARDWARE

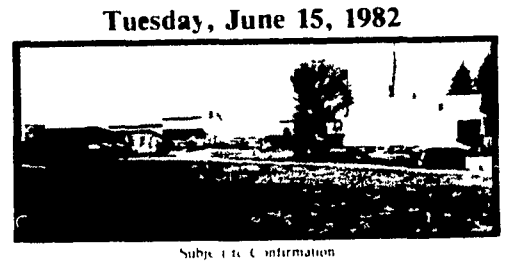
LUMBER

1000 p plywood 600 p paneling, 150 door latches some with keys, Anderson windows, 150 doors of all kinds, aluminum screen doors & windows, roof shingles, tar paper, 6x6 lumber 2x6 - 2x8 - 2x12 - 1x6 - 1x8 - 1x10 - 1x12 lumber, picket fence, 1x6 knotty pine paneling, 1 3/8 plained poplar porch flooring - ceiling tile, hot water heater, lot of nails, bath tubs, drain pipes, door frames & lot o trim Used lumber, 28 ft long rafters, 6x8x38 lonb, Fir Joists 12x16 wood beams, 6x6 - 4x4 and siding from a large barn.

DAVID H. GOOD
111 North Maple Ave.
Leola, PA

AUCTION

Tuesday, June 15, 1982



Subject to Confirmation

5.425 ACRE FARMETTE

INSPECTION, Thursday, May 27, 5-8 P M
REAL ESTATE AT 6:30 P.M.

TERMS Successful bidder will pay $4,000 down by certified cashiers or good personal check and the balance in 45 days

FARM and PERSONAL PROPERTY
(Full listing later)

APPROXIMATELY 2 MILES SOUTHEAST OF ASPERS ALONG ASPERS CENTERMILL RD (Look for signs)

FOR DETAILED BROCHURE — CALL OR WRITE
JOHN B NIESLEY
BROKER-AUCTIONEER
32 W High Street Carlisle PA 17013
(717) 249 8787

PUBLIC SALE

OF REAL ESTATE, BLACKSMITH TOOLS AND ANTIQUES
SATURDAY JUNE 5, 1982
9:00 A.M.

Located along Rt. 23, in the village of Blue Ball, East Earl Twp., Lancaster Co., PA.

A certain tract of land consisting of app 160' of road frontage by app. 108' in depth Erected thereon a.

2½ STORY FRAME APARTMENT HOUSE

with asbestos siding. Storm doors and windows. Oil fire hot water heat Electric water heater. Part basement. FIRST FLOOR, APT. #1: Kitchen with built-in sink, living room, bedroom with closet, full bath, laundry with wash bowl and closets. SECOND FLOOR, APT #2 Kitchen with wall cabinets, living room, two bedrooms with closets, full bath, small laundry. Attic storage. Town water Shade trees, shrubbery, blacktop driveway

28'x50' CEMENT BLOCK BLACKSMITH SHOP

with horse stable atth., half bath and 220 voltage Underground gas tank.

REAL ESTATE AT 1:00 P.M.

Terms: 10% down day of sale, balance on July 7, 1982. Open House: Saturdays, May 22, 29 from 12:00 Noon - 4:00 P.M. Atty. Wentz - Weaver.

TOOLS & HARDWARE GALORE

Blacksmith Forge #403, complete, 2 - Bench Grinders; Large Anvil; 3 - Bench Vises; B & D ¾" Drill and Press; Torch Unit on cart, Portable Grinder; Forney Welder; Stationary Air Compressor, Generator with engine; 90 and 30 Drawer Bolt Cabinets; Welding Table on Wheels; 20' and 40' Alum. Ext. Ladders, Step Ladder; 5 H.P. Electric Motor; Shop Stove; Frigidaire Upright Freezer; Socket Set; 3 - Electric Drills; Pipe Cutter and Wrenches; Lot of High Speed Drill up to 1¼"; Lot of Bolts, Nuts, Washers; FULL LINE BLACKSMITH TOOLS; Lot of Fire Tongs, Chisels, Punches, Files, Hammers, Scrap Iron; Hundreds of Horseshoes, sizes from Double O to No. 8; 5' x 16' Diamond Plate Truckbed Sheeting; Lot of Handmade Fire Hooks, Double Door Latches, Barn Door Hinges plus Misc. Items, Cluing Clamps; C Clamps; Chain Hoist; 2 - Straw Knives; Antique Saddle; Harness; Single Trees; Shovels; Forks; Drag Hook; Wagon Tongs; Shafts; Flat, Rod and Angle Iron; Bolt Cutter; Tin Shears; Adjustable Wrenches; Hack Saws; Turn Buckles; Tractor Pins; Nail Kegs; Dog House, plus many more things not listed.

1962 PLYMOUTH STATION WAGON

NOTE: This is only a part listing. Mr. Hoernlen was in the Blacksmith Trade for 70 years. Come early and enjoy the day with us.

Sale for
RICHARD HOERNLEN
Aucts. 717-354-5183
Nevin Z. Martin
Lewis B. Groff
Clerks: Andy - Dorcas Martin

Lunch Served by Goodville Fire Co.
Not Responsible for Accidents

Public Sales Register

Closing Date Monday, 5 00 P M of each week's publication

MON MAY 31 - 9 30 A M Public Sale of Building Supplies, Contracting Equipment Garage Equipment Kitchen cabinets, Doors Hard ware Items and Tools Located in Dewart PA Heggenstaller and Son Auctioneers

JUNE

TUES JUNE 1 11 A M Public Sale of Cattle Located at Ulysses, PA Potter Co on Loucks Mills Rd Follow Ulysses—Loucks Mills sign from U S Rt 6 5 mi west of Galeton, PA or Auction ar rows on Rt 49 Main St Ulysses PA Jerry Pirrung Sales

WED JUNE 2 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA Watch for sale signs F Snyder, R Martin C Wolgemuth J Fry and L Horst, Auctioneer

WED JUNE 2 10 A M Public Sale of Cabinets Wallpaper Rugs Carpet Doors Nails Hardware Plbg Fittings Truck Van Plywood Paneling Insula tion Tile Lumber Floor ing Moulding and Roof ing Located 1 mi north of Flemington Circle on Rt 202 in Flemington NJ Flemington Builders Outlet Wm F Comly and Son, Auctioneers

THURS JUNE 3 5 30 P M Public Sale of An tique Cars and Truck Furniture and Collec tibles Located 1 mi north of Martindale Rt 322 at Hinketown turn east toward Martindale in Martindale turn north on Grist Mill Rd to Sensenig Rd second place past Centerville Church Earl Twp Lanc Co PA Wilbert O Martin Owner T Glenn and Timothy G Horst Auctioneers

THURS JUNE 3 11 A M Public Sale of Farm Equip ment Shop Equipment and Office Equipment Located at Rt 404 ½ mi east of Rt 50 Wye Mills MD Duffy Ford Tractor Inc Harry Rudnick and Sons Auctioneers

FRI JUNE 4 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross RR bridge Ira Stoltzfus & Son Auctioneers

FRI JUNE 4 Public Sale of Cattle Located at Blairs Mills Huntingdon Co Ronald Moore Owner Klings Auction Service

FRI JUNE 4 11 A M Public Sale of Cattle Located at the Guernsey Sale pavilion 5 mi east of Lancaster PA on Rt US 30 Gary C and Gale B Warren Owners R Austin Backus Inc Auc tioneers

SAT JUNE 5 10 A M Special Purebred Heifer Sale at New Holland Sales Stables Inc 12 Miles East of Lancaster Pa just off Rt 23 New Holland Pa Abe Diffenbach Manager

SAT JUNE 5 9 A M Public Sale of Antiques Real Estate and Blacksmith Tools Located along Rt 23 in the village of Blue Ball Richard Hoernlen Owner Nevin Martin and Lewis Groff Auctioneers

SAT JUNE 5 2 P M Public Sale of Sheep Located at Allentown Fairgrounds 1982 PA Sheep Field Day Program 814 238 2527

SAT JUNE 5 9 30 A M Consignment Auction Located at Penns Cave Centre Hall PA Nittany Antique Machinery Assn Inc 814 364 1872 814 237 3141

SAT JUNE 5 1 P M Public Sale of Farm Far mhouse Garage Barn and Shed Located from Rt 422 Douglassville go north on Rt 662 to in tersection of Rt 562 Cross over 562 bear right onto Covered Bridge Rd go ½ mi to property on right Geyer Girvin Auc tion Co Inc

AUCTION

WEDNESDAY, MAY 26

7 P.M.

Antiques and Collectibles from the Estates of Weber, Criton plus others.

On the premises of Stephenson Auction Gallery, 1005 Industrial Boulevard, Southampton, Penna. (just off Huntingdon Pike - Rt. 232).

INSPECTION Tuesday, May 25 1-9 P.M. Wednesday, May 26 4 P.M. Til Sale Time

Hepplewhite Desk, 6'6" Centennial Chest on Chest, Centennial Paneled Blanket Chest, Claw & Ball Partners Desk, Federal Style Partners Desk, Victorian Sidelocking Burled Walnut Desk, Marble Top-Secret Drawer Liquor Cabinet with Bronze Decor C. 1840, Lobed Drop Leaf Pawfeet Table, Federal Banquet Mahogany Drop Leaf with Acanthus Carvings-C. 1800, Federal Game Table with Pineapple Pedestal & Paw Feet, Mid Victorian Sewing Stand, Victorian High Back Bed, Rope Bed, Ornately Carved Widdecomb Mahogany Bedroom Suit, Marble Lined Humidor, Butler's Desk, English Oak on Mahogany Double Pedestal Desk, Imari, Cloisonne, Bronze Elephant, Japanese Urn, 46" Satsuma Palace Vase, Serves Urns, Boehm Birds, Brass Cash Register, Royal Bonn Clock, Moser, Galle, Other Art Glass & Fine China, Cut Glass Punch Bowl, & More. PLUS pre-Colombian and Etruscan Artifact Collection.

Richard W. Stephenson
Auctioneer
Telephone (215) 322-6182
(215) 947-1922

60 REGISTERED GUERNSEYS AT AUCTION

GREYSTONE FARM SALE
CORTLAND, NEW YORK
L.S. Riford, Jr., Owner
Paul Fleming, Manager

SATURDAY, MAY 29, 1982

12:30 P.M.

At the CORTLAND SALES PAVILION - (A.V. Zogg, Owner) - Located on Rt. 41, just off I-81, EXIT 10, toward McGraw - 1 Mile East of Cortland. Barn Phone - (607) 836-6661.

The offering will consist of all sound cows, from 2 years to 8 years.

One over 19,000#, 2 over 18,000#, 1 over 17,000#, 3 over 16,000#, 6 over 15,000# and 5 over 14,000# milk.

6 daus. of "Brooknook Cyclone", 5 by "McDonalds Dairimost Titan", 4 by "Superstar", 4 by "Choice", 3 by "Deacon", "Fayvor" and "Hollirex".

6 due in May, 2 in June, 4 due in July and 4 due in August.

There will be a complementary luncheon prior to the sale.

SALES HEADQUARTERS: Holiday Inn, Cortland, N.Y., Exit 11-(607) 756-7543

SALE MANAGED BY

Merryman Company
P.O. Box 566, Sparks, Md 21152
(301) 771-4625

AND

Edward J Townsend
4429 Sunset Drive
Syracuse, N Y 13215
(315) 492-2578

PUBLIC AUCTION

SATURDAY, JUNE 5

9:30 A.M. SHARP!

The undersigned, located on Route 34, Perry Co , Pa., between Shermansdale and New Bloomfield, ½ mile South of Mecks Corner (Next to Kitner Bros. Contractors), will sell the following:

13 PARCELS OF REAL ESTATE - 1:00 P.M

Parcel #1 - Daniel Kitner Property:
Located in Carroll Twp., 5 8 Acres with large Brick Rancher (2 bedrooms, bath, att garage, full basement, hot water heat, fireplace), Small barn & Garage, Several other outbuildings - Beautifully located with large trees and shrubs

Parcel #2 - Former Kemrer Property:
Located in Carroll Twp., adjoins Parcel #1, 45 4 Acres all wooded and planted with Scotch Pines-Has some good timber - Recorded Right-of-way

Parcel #3 -
Located in Carroll Twp , adjoins Parcel #2, containing 36 9 Acres, all wooded - Joins Route 34 near Mecks Corner.

Parcel #4 - Former Nickel Property:
Located in Carroll Twp , Recorded in Deed Book 148, pg 142 - All wooded with Good Timber - 185.9 Acres with road frontage on 044 State Road.

Parcel #5 - Sandy Hollow Property:
Located in Carroll Twp., containing Four lots - All Wooded - Lot #1 - 18.8 Acres; Lot #2 - 14.2 Acres; Lot #3 - 17.5 Acres; Lot #4 - 29 4 Acres, All Lots are wooded and have road frontage on Sandy Hollow Road

Parcel #6 - Former Haas Property:
Located in Penn Twp. - All wooded, Lot #2 - 26 5 Acres - Rec Deed Bk 139-Pg. 536; Lot #3 - 22 Acres 50 perches more or less - Wooded - No Written Right-of-way - Deed Bk 139 Pg 536, Lot #4 - 25 Acres 94 Perch - Wooded - No written right-of-way - Deed Book 139, pg 536.

Parcel #7 - Former Gamber Property:
Penn Twp., 10 Acres more or less - Wooded, No written right-of-way, Deed Bk. 154 Pg 139

Parcel #8 - Former Gelbaugh Property:
Located in Wheatfield Twp., containing 51 Acres more or less, rec in Deed Book 123, pg. 74. No Written right-of-way

FOR MORE INFORMATION ON ANY PARCELS OF REAL ESTATE CONTACT Harry Kitner, 717 582-2969 Usual Terms to Be Announced Day of Sale.

ANTIQUES - GUNS - HOUSEHOLD GOODS - MONEY & COINS

Model 12 Winchester - 16 Ga ; 20 Gauge Single Barrel; Mossburg 22 Semi-Automtic, 12 Gauge Single Barrel; Zenith Remote-control Color TV-(Very Good); Oak Table with Boards; Haines History of Perry Co.; Several Rocking Chairs, Antique Clothes of All Descr ; Zenith B&W T.V.; Chest of Drawers; 3 Mantle Clocks; 2 Gun Cabinets; Indian Head Pennies, 20 Dollar Gold Certificate; Silver Certificates, Wheat Pennies; Other coins, I.H. Chest Deep Freeze; Hot Pt. Elec Stove; Old Post Cards & Stamps, Tin-type Photographs; Several Straight Chairs, 2 Victrolas & Records, Several Trunks; Oak Bedroom Suit; Large Cedar Chest; G.E Dishwasher; 2-10 Gal. Crocks, Other Jugs & Crocks, Milk Cans; Shoe Lasts, Stillyards; Very Good Small Wood Stove; China Closet; 2 Coffee Grinders, Westinghouse Self-def Refrigerator-(Coppertone), Asst. of Picture Frames; 2 Treadle Sewing Machines; Clothes Trees; Zenith Battery-oper Radio; Library Table; Wooden Commode; 2 Single Beds, Fancy Aladdin Lamp with Shade, High-back Dresser with Mirror, Wooden Barrels & Kegs, Violin & Case; Overstuffed Chairs & Couch; Antique Dishes of All Kinds; Wash Stand; Oak Stands, Desk, Electrolux Vacuum; Kitchen Appliances; Drop-leaf Table; Chrome Breakfast Set, 9x12 Rug, 12x12 Rug; Usual Household Dishes, Pots & Pans.

LAWN TRACTOR - FARM MACHINERY & TOOLS - SAFE

400 lb. Steel Safe; I.H Pull-type Lawn Sweeper; Ford 2000 Gas Tractor-Like New; Souder Front-end Loader, Ferguson 3-pt 6 ft Disc, 2-Section Harrow; 3-pt. Wood Saw; Snow blade for front-end loader; 2-2 man Chain Saws; Sears Elec Saw Gummer; 2 Skill Saws; Wen Zip Saw; 2 Push Mowers; Screw Jacks; Barb Wire; Joiner; Wagon Wheels; 75 Bales of Hay; I.H. 127 Hydro Cub Cadet with 44 Inch Mower-Good Shape; I.H. 7 hp Cub Cadet with Mower; J.D. 415 A - 3 pt. 2-bottom Trip Plow; M.F 6 ft 3-pt. Rotary Mower; 8 Ft 3-pt. Back Blade; 2-wheel tractor Cart; 3-pt Single-row Cultivator; 30" Tractor Chains; Stationary Wood Saw; Saw Blade; Small Trail Fertilizer Spinner; Saw File for Inserted Tooth-saw, 300 Gal. Skid Gas Tank & Pump; Elec. Chain Saw; 2 Elec Drills; Rotary Mower; Shovels, Forks, Chains, Lawn Cart; Knife Sharpener for Reel Lawn Mower, Table Saw, Some Horse Harness, Saddle & Bridles; Horse Blankets

SALE ORDER Antiques, Household Goods, Tools, Machinery, Real Estate - 1 00 P M

I.D Required for Bidder s No , Cash or Traveler's Checks Only, Not Responsible for Accidents

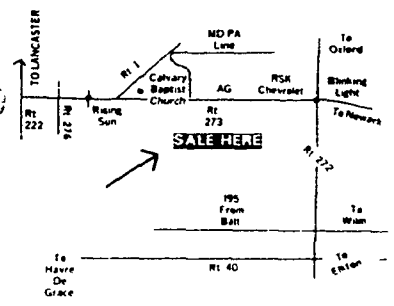
DANIEL J. KITNER, SR. ESTATE

Sale By Kling's Auction Service, Landisburg, Pa
Gerald Morrison, Attorney

ANNUAL SUMMER AUCTION OF USED AND NEW FARM EQUIPMENT

SATURDAY, JUNE 12, 1982

10:00 A.M.



TRACTORS

AC 5050
AC 210
JD 4430D
JD 1520D w/ldr
IH 454 w/ldr
IH 340
IH 656D
Farmall C w/Culti
Kubota L185 w/Mower
Ford 4500 Trac/Ldr
Case 450 Craw/Ldr
JD 1010D Craw/Ldr

MANURE SPREADERS

NI 213
(2) NI 224

SKID LOADERS

NH L 35 G 37HP
NH L 775 G 60HP

MISCELLANEOUS

Ontario Drill
Vicon CM240 Disc Mower
Woods M5 Mower
JD 200 Stack Mover
JD 230 Stack Shredder
Dodge 600 Trk w/18 Stake Body & Grain Sides
CrustBuster Drill 13 3 Pt
Generator 40 KW 3 Phase 1000 RPM
Int 1510 1½T Truck Straight w/12 Al Box & 1T Tail Gate

HAY TOOLS

NH 320 Baler w/Thrower
NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
NH 273 Baler w/Thrower
NH 852 Auto Wrap (1 yr old)
(2) NH 479 Haybine
NH 478 Haybine
NH 1495D Haybine 12 PT
NH 1469 Haybine 9 SP Ford
(2) NH 469 Haybine
(2) NI 279 Cutditioner
Matthews Rotary Scythe
IH 990 Mower Condi tioner
NH 1000 Automatic Bale Wagon
NH 1012 Bale Wagon
(2) NH 260 Rake
(2) NH 258 Rake
Wheel Rake
NI Bar Rake
Dual Rake Hitch
30' Elevator
Case 555 Mower Condi tioner
Hesston #30 Stackhand Wagon

NO CONSIGNMENTS AFTER JUNE 10, 1982

CORN PLANTERS

JD 1240
IHC Cyclo 8R
IHC Cyclo 4R
JD 494A w/Gran Fert
JD 1440
AC 4R No Til w/Gran Fert
White 6R No Til Air
AC 6R No Til w/Gran Fert
(2) AC 4R
AC 2R
Ford 4R Mtd

COMBINES

JD 105 w/RW & Gr Hd
AC CII w/14' Flex Hd
MF 510 w/4R Hd

TILLAGE EQUIPMENT

AC 2300 Disc
JD 11' Disc
Offset Disc
Bush Hog Disc 12
Glencoe 7' Pull Type Chisel Plow
IH 315 Packer/ Mulcher
JD 4Btm 16 Plow
Harrow 12

FORAGE EQUIPMENT

NH 880 Harv w/2R Hd
JD 3960 w/2R Hd & WPU
NH #8 Crop Carrier
NH #6 Crop Carrier
NH 28 Blower

ALSO NEW HAND TOOLS CABLE WINCH PULLERS & ETC.

FORK LIFT & DOCK AVAILABLE FOR LOADING
SALE ITEMS MUST BE MOVED WITHIN 15 DAYS FROM DATE OF SALE

ITEMS SUBJECT TO CHANGE DUE TO DAILY SALES

AUCTION BY.

AG-INDUSTRIAL EQUIPMENT CO., INC.

1207 Telegraph Rd (Route 273)
Rising Sun MD

301-658-5568 301-398-6132 215-869-3542

AUCTIONEER BLAINE RENTZEL FOOD AVAILABLE

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT JUNE 5 9 30 A M Public Sale of Real Estate, Antiques, Guns, Housheold Goods, Money, Coins, Lawn Tractor, Farm Machinery, Tools and Safe Located on Rt 34, Perry Co, between Shermansdale and New Bloomfield, ½ mi south of Hecks Corner, next to Kitner Bros Contractors, Daniel J Kitner, Sr Estate Kling's Auction Service

SAT JUNE 5 9 30 A M Public Sale of Mill Contents Located in Lewistown, PA, approx 3 blocks west from Walnut St, exit off Rt 322 Old Shellenberg Planing Mill Mark Glick, Auctioneer

SAT JUNE 5 9 A M Public Sale of Wood working Equipment, Lumber, Office Equipment, and Home and Hardware Store Items Located in Lancaster Co just east of Blue Ball near intersection of Rt 23 and 322 Turn south off Rt 322 Earl Rd to auction Commonwealth National Bank, Small Business Administration Kerry Pae Auctioneers

SAT JUNE 5 10 A M Public Sale of Antiques and Shop Equipment, Hand Tools, Lumber and Misc Garage Articles Located along Street Rd, R D 2, Holtwood, Lancaster Co, PA, near Holtwood Recreation Area, from the Buck take Rt 372 about 5 mi west of River Rd and turn right to Holtwood Rd, turn left to Street Rd Mrs Lester Immel, Owner Howard Shaub and Roy C Probst Auctioneers

MON JUNE 7 9 30 A M Consignment Sale Located at S Race St, Myerstown, Pa 17067 Sale held by Wengers Farm Machinery, Inc

FRI JUNE 11 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI JUNE 11 7 30 P M Public Sale of Feeder Pig and Feeder Cattle Located at Penns Valley Livestock Auction, Centre Hall, PA 814 364 9096

SAT JUNE 12 10 A M Ag Industrial Equip Co Sale of New and Used Farm Equipment located at 1207 Telegraph Road, Rt 273 Rising Sun, Md Blaine Rentzel Auctioneer

SAT JUNE 12 9 A M Public Sale of Personal Property and Antiques Located at Fivepointville Fire Hall, Fivepointville, PA Brita Musser and Irvine Good, Owners Randal Kline, Lloyd Kreider and Roy Good, Jr, Auctioneers

SAT JUNE 12 9 A M Public Sale of Antiques, Household Goods and Tools Located approx 2 mi north of Stewartstown, just off Rt 24 along Thompson Rd, in York Co, PA Claude W Thompson, Owner Robert L Sechrist, Auctioneer

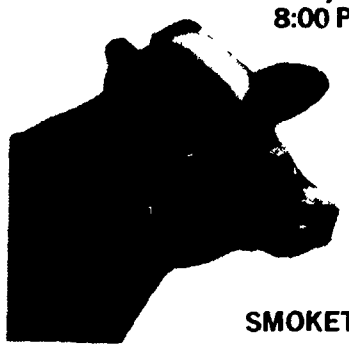
SAT JUNE 12 10 A M Public Sale of Real Estate, Jeep, Motorcycle, Farmall Cub, Farm Misc and Personal Property Located from Red Lion South on Rt 74 at Godfreys t/l on Burkholder Rd, go to New Bridgeville, go straight on Rt 425 south approx 6 mi property on right Corner of Rt 425 and Kline Rd, Chanceford Twp, York Co, PA Bradley W and Christine M Ludwig, Owners Bradley K Smith, Auct

SAT JUNE 12 9 A M Public Sale of Truck, Tractor, Crawler, Tools, Supplies, Hay, Straw and Lumber Located on Rt 443, 1 mi east of Rt 443 and 183 red light intersection in RD 3, Schuylkill Co, PA Eleanor Heiser, Owner Jay Riegel, Jr, Auctioneer

WED JUNE 16 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co, PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

FRI JUNE 18 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

NIGHT SALE! NIGHT SALE! NIGHT SALE!
TUESDAY, JUNE 1, 1982
8:00 P.M. D.S.T.



SPECIAL HOLSTEIN DAIRY SALE

To Be Held At SMOKETOWN QUALITY DAIRY SALES CO.

Rt. 340, Smoketown, PA - 5 mi. East of Lancaster, 5 mi. West of Intercourse.

TWENTY COWS AND HEIFERS CONSIGNED FROM ONE DAIRY IN FRANKLIN CO. COWS ON D.H.I.A. COWS ARE FRESH, SPRINGING AND DUE SUMMER AND FALL.

17 REGISTERED. SIRED BY ATLANTIC SIRES-BRED TO ATLANTIC SIRES.

- A Winterthur Hector Ivanhoe Van dtr. with 18,597-4.6-853-15,554-4.7-730, Due 9-25 to Wauk-a-Way Ford Reliance.
- G+ Harrisburg Gay Ideal dtr. with 19,013-4.4-843-16,431-4.3-703, Due 10-1 to Maizvalley Hermet.
- G+ Sterk Execlusive dtr. with 17,916-3.9-702-17,031-4.1-697, Due 8-24 to Wauk-a-Way Ford Reliance.
- Mt. Green Exclusive dtr. with 2-01-16,596-4.2-693, Due early June to Ja-Sol-Gay Duke.
- G+ Vigo Charmcross dtr. with 21,396-3.2-680-20,384-3.2-654, Due 7-8 to Wauk-a-Way Ford Reliance.
- Grade with 18,042-3.7-669-16,946-3.7-635-16,763-3.5-594. Her dam 21,872-3.6-792-19,187-3.8-729-19,621-3.4-659.

G+ Beethoven with 18,106-3.6-646-16,502-3.6-600, Due to Cavalier.

Grade with 15,491-4.0-612-15,682-3.9-611.

- G+ Rocby Apollo Farm Honor with 16,083-3.8-610, Her dam 22,453-3.5-795-18,360-3.8-700.
- A Cuma Proud Performer dtr. with 15,445-3.9-604, Due to Marlu Titan.
- A La-Rare Millionaire dtr. with 15,645-3.8-602, Due 6-10 to Blair Br. Carmel Pepper ET.
- G+ Robton Prince Vernat dtr. with 16,516-3.6-598-16,010-3.5-553, Due 7-8 to Wauk-A-Way Ford Reliance.
- Lawcrest Authority dtr. with 2-13,972-4.1-574, Due 6-10 to Burket Falls Mainstream ET. Her dam 18,428-4.2-765-19,516-3.9-752-16,842-3.8-646.
- Hilltop Apollo Ivanhoe dtr. with 14,807-3.7-548, Due 6-10 to Blair Br. Carmel Pepper ET.
- Harrisburg Gay Ideal dtr. with 13,436-3.9-525, Due 8-8 to Ca-Lill Standout Cavalier. Her dam 15,922-4.1-660-16,650-3.9-654.
- Vincent View Molly Chief dtr. with 13,188-506, Due 10-18 to Farm Crest Madellow.
- Curtiss Haven Apollo Victor dtr. 15,056-503, Due 8-28 to Wauk-A-Way Ford Reliance. Her dam an Elevation dtr. with 22,536-714-19,555-668.
- Rocby Elevation Celebrity dtr. with 12,393-409, Due 6-9 to Blair Br Carmel Pepper ET. Her dam 21,396-680-20,384-654.

One load of Reg. & Grade cows and heifers out of New England states.

Reg -Arbar Triune Challenge-Born 8-17-76 G P. 81 +775m. +17F. 2 yr. 2m. 305d. 15,720m. 3 yr. 4m. 305d. 20,190m. 599F. Dam +267m. +9F VG 86 - 4 yr. 8m 305d. 16,340m. 565F Next dam G+82 - 3 Lactations 4 5t. 4 2t 4.2t.

Reg Friths Margo Pathfinder Magic - Born- 9-27-78 Dam +184m. - 13,950m 3 6t 497F 17,942m 3.6 t. 647F Next Dam - 17,970m 4 3t 770F 18,511m 4.0t. 752F Next Dam - VG 85 pts Lifetime 144,908m

Cows milked at reg time

Cash or good check night of sale.

Sale Managed By,
SMOKETOWN QUALITY DAIRY SALE CO.
GORDON & HELEN FRITZ
717-393-0930

Carl Diller, Paul Snyder, Auct
Henry Kettering, Pedigrees

BUYING OR SELLING REGISTERED & GRADE HOLSTEINS?

THINK OF SMOKETOWN QUALITY DAIRY SALES.

Located East of Rt. 30 along Rt. 340 near Rt. 896.

Regular monthly sales held in our state approved barns.

WANTED - GOOD DAIRY HERDS

We will sell your herd for you either at private treaty or bring them here, we will groom and prepare, give you complete attention in every detail

Barns regularly washed and disinfected Heated barn to sell in winter, well ventilated in summer.

We are with an active group of buyers with the latest market quotation. Buyers attending from surrounding states.

"We aim to please and satisfy customers is our first concern."

Years of experience.

Phone Collect 717-393-0930
GORDON W FRITZ, Licensed and Bonded

Good's Auction

111 North Maple Ave. Leola, PA

Hay, Straw and Corn Sales
Every Wednesday at 12:00 Noon

Farm Machinery Sales
First and Third Wednesday of Each Month Jan. through Oct.
Farm Machinery Accepted At Any Time From 7 A.M. to 6 P.M.
Sat. Til 12:00 Noon

No Small Items Will Be Accepted At Any Time. All Small Items Must Be Brought In Day of Sale And Sold Off of Trucks or Wagons.

Positively No Unloading Day of Sale Except Lawn And Garden Equipment, Farm Machinery and Big Equipment.

Tool and Hardware at 9:00
Shop Equipment & Lawn and Garden Equip. at 12:00
Machinery at 1:00

No Household Goods
No Out of State Checks
Selling With 6 Auctioneers

DAVID H. GOOD & SONS
111 North Maple Ave., Leola
717-656-9558

AUCTION

2 JOHN DEERE TRACTORS, JOHN DEERE COMBINE, FARMALL CUB, FARM MACHINERY, 1952 CHEV. PICK-UP, SPRING BUGGY, SLEIGH, TOOLS

For: Estate of R. William S. Nase and Charles S. Nase

At: Branch Road & Schwenk Mill Road, Hilltown Twp., Bucks Co., Perkasie, PA.

FRIDAY, MAY 28, 1982
10:00 A.M.

EQUIPMENT - 1020 John Deere w.f., 2010 John Deere w.f., Farmall Cub, John Deere mod. 45 Combine 10' head; J.D. 3-bottom plow; J.D. Transport Disc. 9'; J.D. rear mount 9-W 7 ft sickle bar; J.D. 7 ft. snowblade, J.D. 2-row corn planter 3 pt. hitch; J.D. FB-B grain disc drill 13 tubes; J.D. 3 pt. hitch 2-row cultivator; 3-section spring tooth harrow; 8 ft. cultipacker; New Idea 1-row Cornpicker #310; New Idea Fertilizer Spreader; 2 grain wagons; 25' grain auger; grain elevator; power boom sprayer; hydraulic cylinders; attachment for Farmall Cub, 5 ft. sickle bar, 1-row cultivator, snow blades.

TRUCK - 1952 Chevrolet Pick-up Truck Mod. #3100.

ANTIQUES - Spring Board Buggy; Express Sleigh; single row Cultivator, wooden wheelbarrow; cornsheller, cider press, fruit crusher.

TOOLS - Battery charger, air compressor, bench grinder, buck circular saw, wooden ext. ladder, lawn roller, snow fence, Fairbanks Platform Scale, & hand tools. Not many small items; Please Be Prompt!

TERMS - CASH LUNCH

BUCKS CO. BANK & TRUST CO.
Executor for the Estate

Sanford A. Alderfer, Inc.
REAL ESTATE BROKERS and AUCTIONEERS
665 Harleysville Pike (Rt 113)
Box 1 Harleysville PA 19438

BY ORDER OF GENERAL SERVICES

AUTOTORE'S AUCTION

TUESDAY, MAY 25
Starting at 9 A.M.
Locust Mt. State Hospital off route 924 (Shenandoah Heights Area)

SELLING SURPLUS ITEMS HOSPITAL EQUIPMENT

CGR TA 50 xray table w/CGR TV single xray viewer, CGR CS 30 control unit & 8 xray viewers, Stainless Steel tables, S.S. hospital pans, surgical equipment, shock treatment unit, privacy screenes, metal hutch type medicine cabinets, S.S. top bed stands, metal dressers, wood dressers, S.S. Mortuary table, STRYKER TURNING FRAME, PEDIATRIC CRIBS (S.S.), double pedistal desks (oak-Maple-Walnut) chairs, Sero Fuge (Adams) Incubators, medical books, fracture table, light cast #2 Meric Sharp & Dome.

RESTAURANT EQUIPMENT

2 mule hot food carts, S.S. meal on wheels, Hobart potato peeler, lg. butcher block, butcher block table, ice-cream cooler, S.S. table w/overhead pot holders, Mis. S.S. items, 2-200 lb. Toledo scales one portable, S.S. commercial spice cabinet

LAUNDRY EQUIPMENT

4 roll American Standard press, 2 steam flat presses, 2 Hoffman Vorsec tumblers, American 30" extractor, Cascade washer.

GENERAL ITEMS

Roll top desk, Bond upright piano, ball & claw tilt top table, porch rockers, 2 wicker chairs, sml. oak childs desk, storage cabinets, sofa's, wood coat trees, night stands, hospital beds, portable liters, TV's, elec. & manual typewritters, secretary desk (mahogany), 3 & 4 section lockers, double card file cabinets, Lg 8' long 9' high Oak back cabinets w/lot of storage compartments, Jerry chairs, plus many-many unlisted items.

Terms - CASH

Seller-Dept. of General Services
Auctioneers - John Autotore 784-3506
John Jr. 784-0381

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

FRI JUNE 18 6 30 P M Consignment Sale of Cattle and Feeder Pigs Keister's Middleburg Auction Sales, Inc Rt 522 3 miles East of Middleburg 5 miles West of Selinsgrove, Pa Don & Walt Keister Owners, Ray Long & Dave Imes Auctioneers

FRI JUNE 18 7 30 P M Public Sale of Horses Located at Penns Valley Livestock Auction Centre Hall PA 814 364 9096

SAT JUNE 19 10 A M Benefit Auction for the Ephrata Mennonite School Ernest M Stauffer, Auction Manager 733 3763 John E and Paul E Martin Auctioneers

SAT JUNE 19 1 P M Public Sale of House Located on West Main St Troy PA Holcomb House Bob Chuck and Rich Roan Auctioneers

WED JUNE 23 6 30 P M Public Sale of Guns Located 6 mi east of Lancaster PA on Rt 30 Estate of Luke C Ryan Claude F Smith Auctioneer

FRI JUNE 25 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross RR bridge Ira Stoltzfus & Son, Auctioneers

FRI JUNE 25 1 00 P M Brooks End and Par Kay Farm Annual Summer Sale at the farm Beavertown, Pa Sale by Reno and Park Thomas and Mark Stehr, Mike Jones, LaGrange, Ga Auctioneer

FRI JUNE 25 7 30 P M Public Sale of Cattle Located at Penns Valley Livestock Auction Centre Hall PA 814 364 9096

JULY

WED JULY 7 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder, R Martin C Wolgemuth J Fry and L Horst, Auctioneer

FRI JULY 16 6 30 P M Consignment Sale of Cattle and Feeder Pigs Keister s Middleburg Auction Sales, Inc Rt 522 3 miles East of Middleburg 5 miles West of Selinsgrove Pa Don & Walt Keister Owners Ray Long & Dave Imes Auctioneers

FRI JULY 16 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross RR bridge Ira Stoltzfus & Son Auctioneers

WED JULY 21 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder R Martin C Wolgemuth J Fry and L Horst, Auctioneer

FRI JULY 23 Public Sale of Cattle Located at Ft Louden, Franklin Co PA along Rt 30 Parnell Mt S Minor Robinson Owner Ralph W Horst Auctioneer

FRI JULY 23 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross RR bridge Ira Stoltzfus & Son, Auctioneers

FRI JULY 23 7 30 P M Sale of Cattle Located at Penns Valley Livestock Auction Centre Hall PA 814 364 9096

TUES JULY 27 12 Noon Public Sale of Cattle Located at R D 1 Ramey PA Clearfield Co R T Green John G Gilliland and V Art Kling Sale Managers

FRI JULY 30 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross RR bridge Ira Stoltzfus & Son Auctioneers

SAT JULY 31 11 A M Consignment Horse Sale at the Keisters Middleburg Auction Sales Inc Rt 522 3 miles East of Middleburg 5 miles West of Selinsgrove Pa Don & Walt Keister Owners Ray Long & Dave Imes Auctioneers

AUGUST

WED AUG 4 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder R Martin C Wolgemuth J Fry and L Horst Auctioneer

FRI AUG 13 Public Sale of Cattle Located in Wellsville York Co Carl and Creaty Harbold Owners Kling s Auction Service Managers

WED AUG 18 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder R Martin C Wolgemuth J Fry and L Horst Auctioneer

FRI AUG 20 6 P M Public Sale of Swine Located at Lebanon Fairgrounds Lebanon PA Leon and Lawrence Arnold Owners Harry Bachman Auctioneer

SEPTEMBER

WED SEPT 1 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder R Martin C Wolgemuth J Fry and L Horst Auctioneer

WED SEPT 15 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder R Martin C Wolgemuth J Fry and L Horst Auctioneer

SAT SEPT 18 Public Sale of Heifers Quilts and Hand made Items Located 3 mi south of Atglen PA along Newport Pike Old Rt 41 West Fallowfield Christian School Building Fund Kurtz Stoltzfus and Petersheim Auctioneers

OCTOBER

SAT OCT 2 1982 Wesson s Spirit of 82 Sale at the Wesson Charolais Ranch Koshkonong Missouri

WED OCT 6 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder R Martin C Wolgemuth J Fry and L Horst Auctioneer

THURS OCT 7 PA State Grange Reg and Grade Holstein Above Herd Average Dairy Sale at the Guernsey Sales Pavilion 6 mi east of Lancaster along Rt 30 State Grange and J Everett Kreider sale managers and auctioneer

MON OCT 11 Hubert Charolais Ranch Production Sale Located at the ranch Monument Kansas Sale managed by Buzz Garey 100 Walnut Lane Morrisville PA 19067

WED OCT 20 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder R Martin C Wolgemuth J Fry and L Horst Auctioneer

MON OCT 25 Shallow Creek Charolais 20th Anniversary Production Sale At the ranch Fort Sumner New Mixico Dennis and Jane Adams Owners Buzz Garey 100 Walnut Lane Morrisville PA 19067 Sale Manager Garey Cattle Sales Inc

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DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

PUBLIC SALE

OF REAL ESTATE

From Robert Fulton Fire House at Wakefield take Peach Bottom Road 3 miles West to Bicknell Road, ¼ mile to sale. 22 mile South of Lancaster, 12 mile West of Oxford, in Fulton Twp.

THURSDAY, MAY 27
7:00 P.M.

App 42.6 Acres of land erected thereon a brick Cape Cod House 30x70 w/4 bedrooms w/2 rooms & full bath up, and 6 rooms & full large bath downstairs. 2 Bedrooms, mud room, large dining-room, living room & kitchen. Double thermo oven, Rutt cupboards (Cherry wood w/walnut finish), Nu-tone food center, Jen-air range w/Corning cook top, brick fireplace in kitchen. All rooms carpeted or hardwood floor. Pella windows, Carrier heat pump & air-conditioning. Well water, 2 car garage attached, full basement, 600 amp. service. House 10 years old, 16x32 in ground pool.

3-60 ft. double mushroom houses, concrete block fully insulated. 10 Acre pasture w/nice stream.

Terms by,
WILLIAM & PATRICIA SKILES
717-548-2927
J. Everett Kreider, Auct.

10% down, balance 90 days or upon settlement. Inspection May 15, 1 to 4 or by appt. An opportunity for self employment, country living in a quiet area.

PIGS

STATE GRADED SALE
FRI., MAY 28
1:30 P.M.
AT
WESTMINSTER LIVESTOCK AUCTION
Westminster, Md.
Phone [301] 848-9820

MELVIN KOLB INC.

PUREBREDS AND GRADES

- ★ 200 HEAD SPRINGERS, DUE JUNE AND JULY
- ★ 100 HEAD OPEN HEIFERS, ALL SIZES
- ★ 200 HEAD CLOSE SPRINGING COWS
- ★ PEDIGREED BULLS ON HAND

QUALITY HOLSTEIN HERDS FOR SALE REGISTERED AND GRADES, ALL SIZES

We Will...
- Buy Your Complete Herd
- Consign Your Herd Through Our Dairy Barn at the Monthly Sales.

Please Call For Further Details

Lancaster Farm
2220 Dairy Road
Lancaster, Pa
717-569-2106 or 569-6800
Dennis Kolb, Mgr

MEL KOLB
Res. 717-393-7459

Maryland Farm
Woodsboro, MD
301-898-7720 or 898-7663
Tom Miller, Mgr

PUBLIC AUCTON

ANTIQUES, HOUSEHOLD GOODS, BUTCHER EQUIPMENT, GUNS, FARM RELATED ITEMS, CAR
SATURDAY, MAY 29,1982
9:00 A.M.

To be held on the premises located at RD 2 Annville, Lebanon County, Penna. along the Water Works to Ono Rd ¼ mile south of McGillstown. From Annville take rt. 934 north and then right onto Waterworks Rd. to property on left.

3 oak dressers; ice box, piano roll cabinet; piano chair; oak claw on ball table; drop leaf extension table; 3 drawer roll top desk, oak washstand; 2 double lid wood boxes; plank chairs; cane seat oak rocker; floor safe; ice tongs; milk cans; Meadow Wood milk bottles; lanterns; egg scale; kerosene lamp; shaft bells; wooden decoy; Miller Food Market, Ono adv. item; goblets; depression glass; pressed and decorated glass; cake stand; family Bible; cast iron skillets and sad irons.

Amana 19 cu. ft. chest freezer, chase lounges; 2 - 2 pc. living room suites; coal heatrola; platform rockers; new cedar chest; cot bed; Singer elec. sewing machine; 2 reed rockers; metal wardrobe; camping stoves and lights; wash boiler and other misc. household items.

Scalding trough; Enterprise 32 meat grinder; Enterprise hand meat slicer; sausage stuffer; 3 iron kettles; beam scale; block and tackle; spreaders; meat hooks; ladles; lard cans; kettle hooks; stirrers; single trees; knives; scrapers; crocks and jugs and metal tubs.

CAR AND GUNS - to be sold at 1:00

1963 Chevrolet Impala 4 door - PS - PB - radio - good running condition

Winchester model 94 - 32 special, Stevens 22 pump and W. Richards 12 double barrel hammer gun.

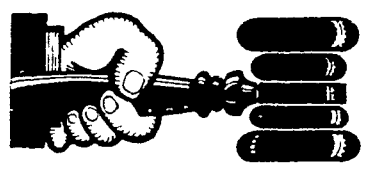
1¼" underwater sump pump; tow chains; 24" wall fan; fence stretcher, scythe; anvil, 2 small coal stoves; walking plow; ropes; lawn mowers; digging iron; set of auger bits wooden wheelbarrow; berry boxes; baskets; draw knife; extension ladders; pulleys; shovels; elec. drills; wedges; files; tap and die sets; dinner bell; potato plow; LARGE ASST. OF ROUGH LUMBER; Mullins adz; asst. hand tools; pipe threaderhand cultivator hyd. 10 ton jack; fishing rods and many other unlisted items

COINS - to be sold last

(2) 1923 silver dollars, 1885 silver dollar, 1880 Liberty $5 gold pc., 1831 large cent, 1858 flying eagle, silver certificates, lots of asst. silver coins and few pocket watches.

Sale Order: Small barn items, butcher equip., household goods and antiques, coins.

Conditions by
MR. & MRS. JOHN MOYER
717-865-3401
Harry H. Bachman - Auctioneer
717-867-1809
Lunch by Farm Women Group



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P M. Tuesday of each week's publication

AUCTIONEERS
JOHN E. MARTIN
Ephrata, Penna
717 733-3511
AND
PAUL E. MARTIN
Stevens, Penna
717 733-3305
Professional Auction Service

C.H. WOLGEMUTH
RD #2 MANHEIM, PA
AUCTIONEER
Member of
COMPLETE AUCTION SERVICE
CALL
717-665-5664

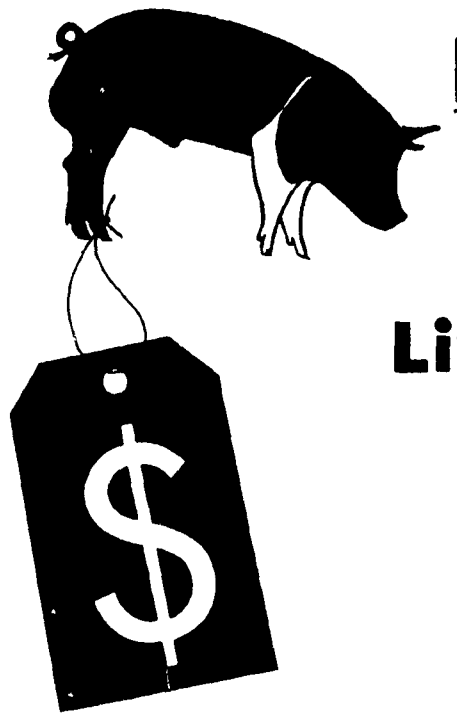
AUCTIONEERS
FRANK & PAUL SNYDER
Livestock Farm Equipment
Household Goods
Antiques
No sale too small or too large
717-859-2688
717-733-7052

KREIDER & KLINE AUCTIONEERS
COMPLETE PROFESSIONAL AUCTION SERVICE
REAL ESTATE — FARMS & RESIDENTIAL
PERSONAL PROPERTY - ANTIQUES —
FARM STOCK SALES — LIQUIDATIONS

RANDAL V. KLINE
AUCTIONEER REALTOR
717 733 1006
717 354 4071

LLOYD H. KREIDER
AUCTIONEER
717 786 3394

LOCK IN A "SOLID PRICE" WITH KLEEN LEEN PORK MARKETING PROGRAM



Live Hog Contracts

- Guaranteed Price
- No Margins
- Two Contracts Offered

Choose the Kleen Leen contract that's best for you!

STANDARD	OPTIONAL
Service Fee: None	$125 per contract due within 10 days.
Margin Money: No original margin or margin calls when prices rise.	No margin money or margin calls.
Delivery Units: (lbs. of pork) 15,000 lbs. (approx. 70 head) or 30,000 lbs. (approx. 140 head)	30,000 lbs. (approx. 140 head)
Contract Delivery Periods: 24 delivery periods. 1st-15th and 16th-31st of each of the 12 months.	You may deliver any time prior to the 15th of the contract month. This contract is traded in the 7 months quoted on the Chicago Merchantile Exchange only.
Delivery Method: Total of 30,000 lbs. or 15,000 lbs. delivered within the contract period. Producer determines the delivery day or days. Delivery will be to a Kleen Leen buying station. Hogs will be picked up by us at your farm in some instances.	Total of 30,000 lbs. to be delivered all at once. The producer determines the delivery day. Delivery will be to a Kleen Leen buying station. Hogs will be picked up by us at your farm in some instances.
Delivery Costs: None.	None.
Basic Risk: (The difference between cash prices and future prices.) We quote a basis for each delivery period. The basis changes monthly. We stand the basis risk.	You stand the basis risk. We do not quote a basis for this contract. The basis used is the difference between cash and future prices on the day your hogs are delivered against the contract.
Pricing: You determine the price. The price you will receive is determined the day you sell the contract. The contract is written to show both price and delivery period.	You determine the price by deciding when to deliver a unit (30,000 lbs.). The contract is written to show the delivery period and price in effect on the date the contract is sold.

— Contact One Of The Purina Dealers Listed Below For More Information —

HESS MILLS
PHONE 717-442 4183
717 768 3301
PARADISE PA 17562

HIGH BROS.
PHONE 717 354-0301
GORDONVILLE PA 17529-

K & K FEED, INC.
PHONE 717 866 2324
23 N PARK ST RICHLAND PA 17087

UMBERGER'S MILL
PHONE 717 867 5161
FONTANA PA 17042

KEYSTONE MILLS
John B Kurtz
PHONE 717 354 4616 717 738 1088
RD3 EPHRATA PA 17522

McCRACKEN'S FEED MILL, INC.
PHONE 717 665 2186
2 NEW CHARLOTTE ST MANHEIM PA 17545

THE PURINA PROGRAM
Good Breeding | Sound Management
Careful Sanitation | Good Feeding
FOR GOOD PRODUCTION

WEST WILLOW FARMERS ASSN., INC.
PHONE 717 464 3386
WEST WILLOW PA 17583

SOUTHERN DIVISION
West Willow Farmers Assoc , Inc
PHONE 717 529 2113
RTE 472 AT UNION PA
RD 1 OXFORD PA 19363

M. G. HENNINGER & SON, INC.
PHONE 717 362 3333
BERRYSBURG PA 17005

J. P. ANIMAL SUPPLY
2497 Tome Hwy
Rising Sun, MD
301-658-5795

Anthony's Feed Mill
PHONE 215-488 6211
STRAUSSTOWN PA 19559